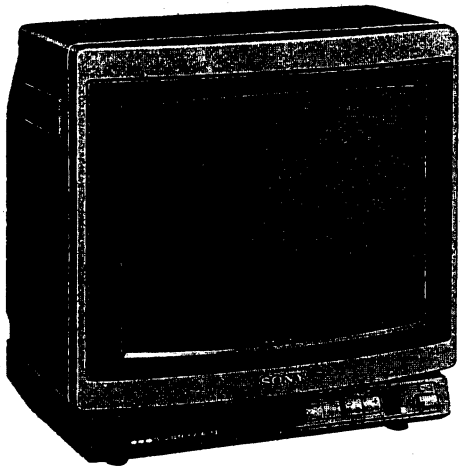
KV-1462UB
RM-655

SERVICE MANUAL

UK Model

Chassis No. SCC-B12B-A



GP-1 CHASSIS

Note: The service manual for RM-655 has been issued separately.

SPECIFICATIONS

Television system	British TV standards
Colour system	PAL
Channel coverage	UHF channels 21 - 68
	(a total of up to 8 preselected channels)
Picture tube	Trinitron tube
	Approx. 36.8 cm (14 inches)
	90 degree deflection
	(Approx. 33.7 cm picture measured diagonally)
Aerial	75-ohm standard coaxial socket
	Loop aerial (supplied)
Speaker	7.5 cm dia.
Audio output	1.5 W
Power requirements	
	240 V AC, 50 Hz
Power consumption	
	41 Wh
	10 Wh in standby condition
Dimensions	Approx. 366 × 356.5 × 408.5 mm (w/h/d)
	(14 1/2 × 14 1/8 × 16 1/8 inches)
Weight	Approx. 11.0 kg (24 lb 4 oz)
Accessories supplied	
	Remote Commander RM-655 with 2 batteries (IEC designation R6, size AA)
	Loop aerial (1)
	Aerial connector (300 - 75 ohm matching transformer is built-in.) (1)

Design and specifications subject to change without notice.

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MICROFILM

TRINITRON® COLOUR TV

SONY®

CTV

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WARNING !!

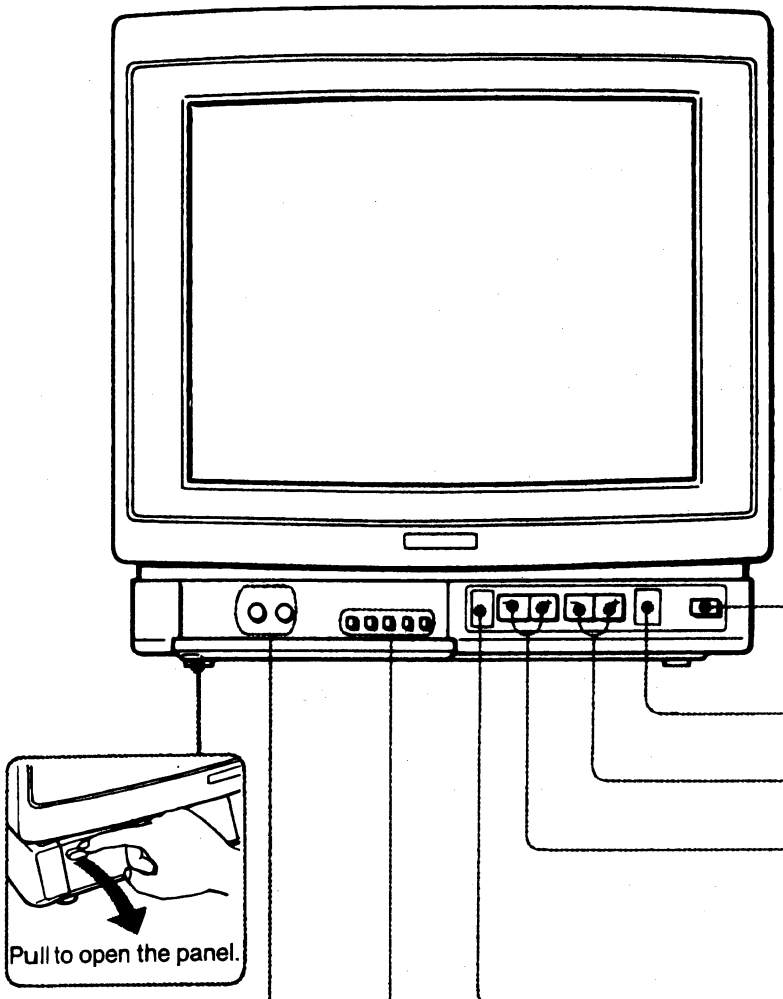
AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

SECTION 1
GENERAL

1-1. LOCATION OF CONTROLS



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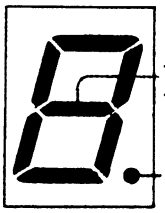
⏻ (power) switch

Remote control detector

PROGR (programme) scan buttons

◿ (volume) buttons

Programme number indicator
Indicates the programme number being tuned in.



The lower four segments light when the TV is set in the standby mode.

This lamp blinks when ◿ or MANUAL/FINE on the TV or any button on the Commander is pressed.

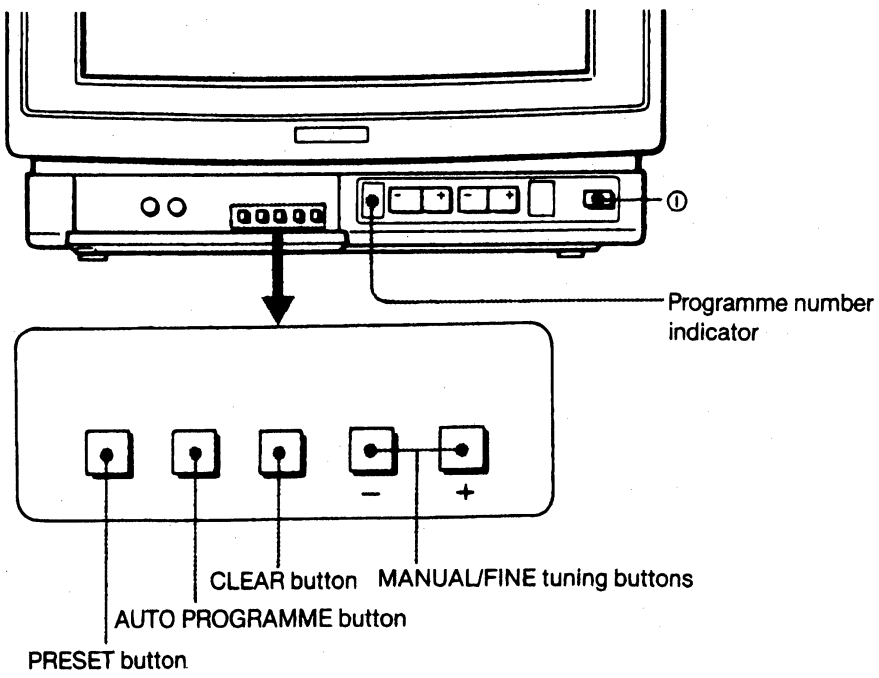
Used for programming

Used for picture adjustments

1-2. PROGRAMMING

Automatic and manual programming are available. Automatic programming presets up to 8 receivable channels automatically from the lowest frequency. With manual programming up to 8 active channels can be preset in any desired sequence.

Panel opened



AUTOMATIC PROGRAMMING

1 Depress ⏻.

2 Press PRESET (ON) to set the TV in the programming standby mode. The programme number indicator will blink.

3 Press AUTO PROGRAMME.
Automatic programming will start to tune in 8 receivable channels in sequence. When no more station can be located, automatic programming will stop. The programming mode will be released automatically.

MANUAL PROGRAMMING

1 Depress ⏻.

2 Press PRESET (ON) to set the TV in the programming standby mode. The programme number indicator will blink.

3 Press PROGR +/– or programme number button on the Commander to select the programme position where a channel is to be tuned in: + for a higher-numbered position, and – for a lower-numbered position.

4 Press MANUAL/FINE + or –.
The first channel found will appear. Every time you press MANUAL/FINE +, a higher-numbered channel will be tuned in and every time you press MANUAL/FINE –, a lower-numbered channel will be tuned in. Repeat pressing until the desired channel is found.

Repeat steps 3 and 4 for all desired channels.

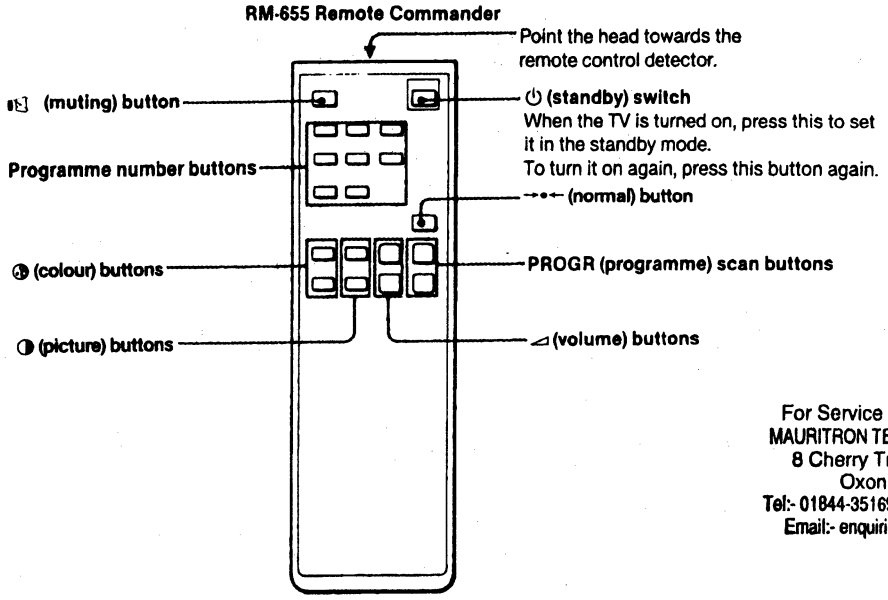
5 Press PRESET (OFF).

• To reset the TV to the lowest frequency of the band, press CLEAR when PRESET is set to ON.

1-3. OPERATION

VIEWING TV PROGRAMME

Usually the Remote Commander is all that is needed to operate the TV in everyday use.


RM-655 Remote Commander
Point the head towards the remote control detector.
(muting) button
(standby) switch
When the TV is turned on, press this to set it in the standby mode.
To turn it on again, press this button again.
Programme number buttons
(normal) button
(colour) buttons
PROGR (programme) scan buttons
(picture) buttons
(volume) buttons

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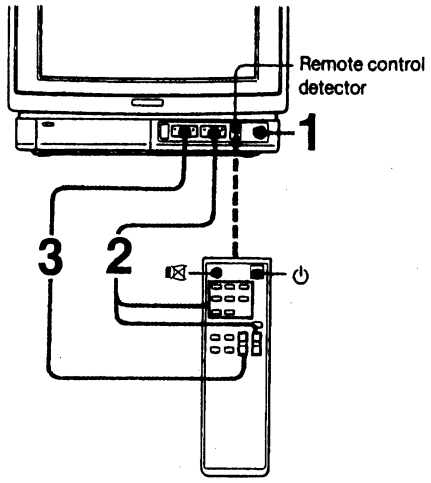
Operation



1 Depress ⏻ to turn on the TV.

2 Pointing the head of the Commander towards the remote control detector on the TV, select the TV programme in either of two ways:

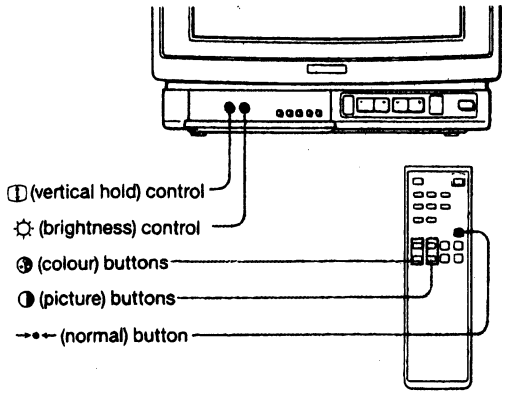
- **Press the programme number buttons.**
- **Press PROGR + or –.**

3 Adjust the volume by pressing ◿ + or – : + for more volume and – for less volume.

To turn off the TV completely, press ⏻ on the TV.
To set the TV in the standby mode, press ⏻ on the Commander.

To mute the sound immediately, press 🔇.
Press it again to restore the sound.

PICTURE ADJUSTMENTS



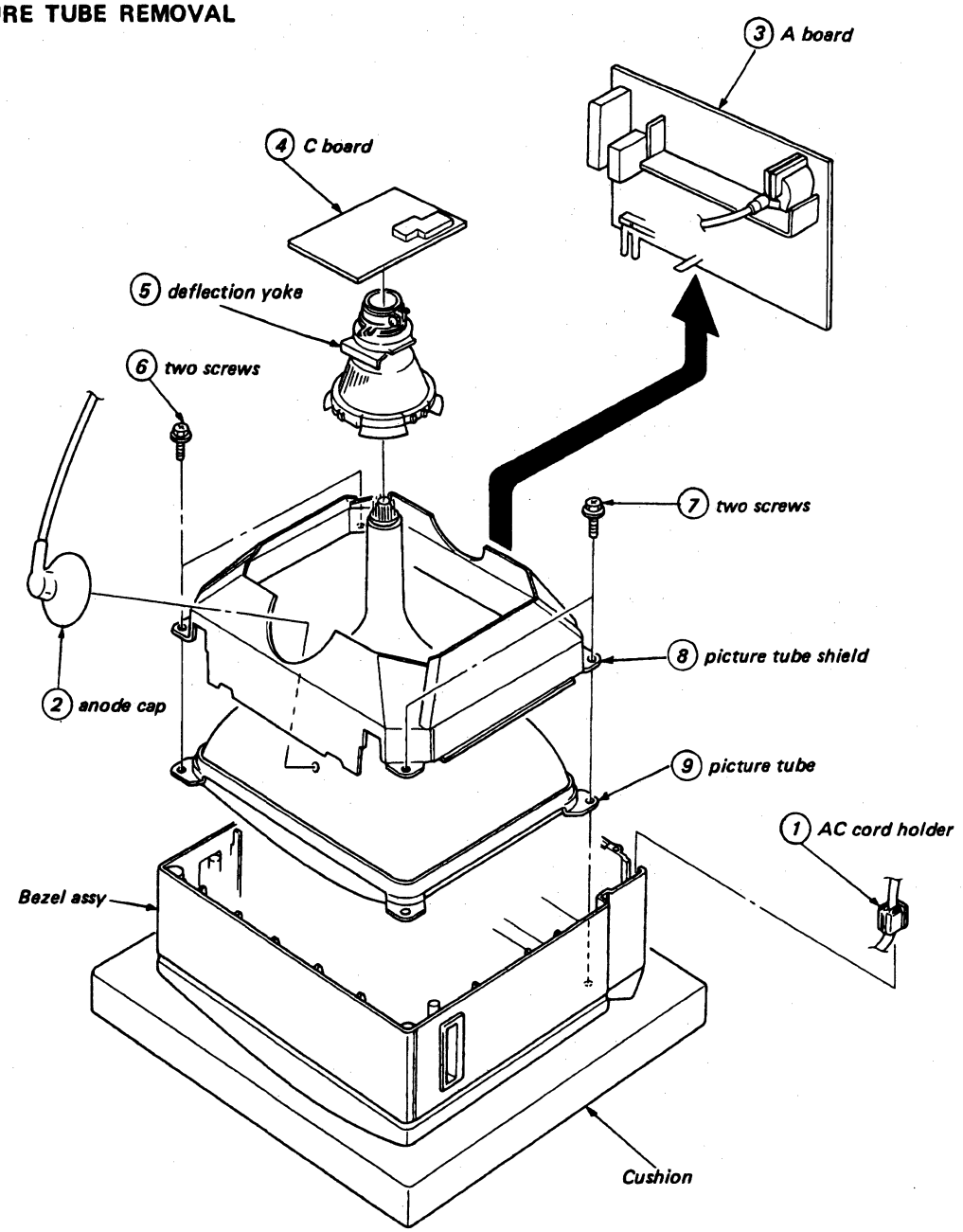
Press ◑: + to increase picture contrast or – to decrease it.
Press ◔: + for more colour intensity or – for less colour intensity.

Turn ☼ clockwise for more brightness or counterclockwise for less brightness.
Turn ↕ to stabilize the picture if it rolls vertically.

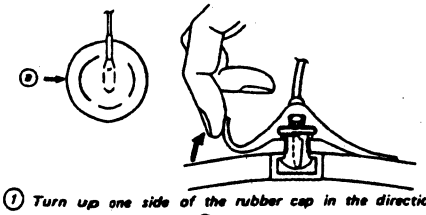
To return the picture contrast and colour intensity to the factory setting, press →•← on the Commander.

SECTION 2
DISASSEMBLY

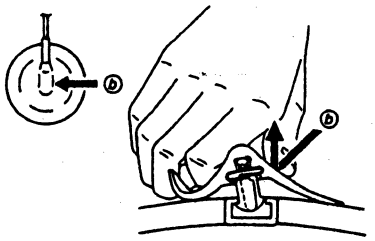
2-1. PICTURE TUBE REMOVAL



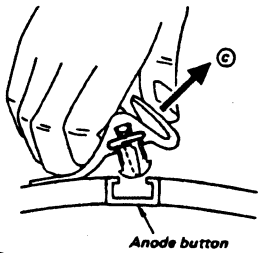
• **Removing Procedures**



① *Turn up one side of the rubber cap in the direction indicated by the arrow ⓐ..*



② *Using a thumb, pull up the rubber cap firmly in the direction indicated by the arrow ⓑ.*



③ *When one side of the rubber cap is separated from the anode button, the anode cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow ⓒ.*

SECTION 3
SET-UP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

These adjustments should be performed with rated power supply voltage unless otherwise noted.

Controls and switch should be set as follows unless otherwise noted:

◑ picture control . . . . . maximum

☼ brightness control . . . . . maximum (fully clockwise)

Perform the adjustments in order as follows:

3-1. Beam Landing
3-2. Convergence
3-3. Focus (RV707)
3-4 White Balance

Note: Test Equipment Required.
1. Colour-bar/Pattern Generator
2. Degausser

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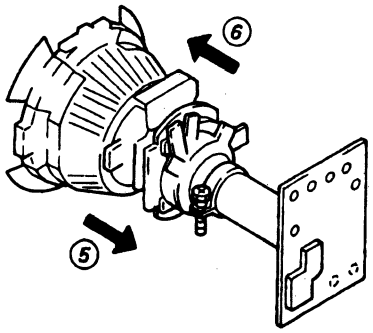
3-1. BEAM LANDING

Preparation:

- Feed in the white pattern.
- Before starting, degauss the entire screen.

1. Turn on set power supply and receive an all-white signal.
2. Evenly degauss the entire screen.
3. Loosen the deflection yoke mounting screw, and set the purity control to the centre as shown in Figure 3-1.
4. Set BKG VR Ⓡ to maximum and set Ⓑ and Ⓖ to minimum.
5. Move the deflection yoke back, and adjust the purity control so that Ⓡ is in the centre and Ⓖ and Ⓑ are at the sides, evenly. (Figure 3-2.)
6. Move the deflection yoke forward so that the entire screen is red.
   * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
7. Substitute Ⓖ , then Ⓑ for Ⓡ in step 4 and check landing.
8. Rotate Ⓡ , Ⓖ and Ⓑ once each and check landing.
9. When landing is not right, adjust the purity control and use magnets as shown in Figure 3-3, then repeat steps 7 and 8 .
10. When a magnet is used, be sure to perform step 2 , and tighten deflection yoke mounting screw loosely.



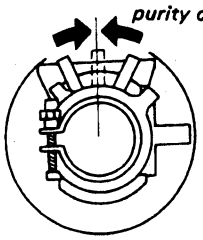


Fig. 3-1.

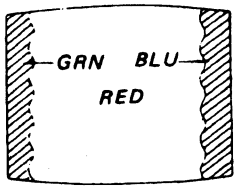


Fig. 3-2.

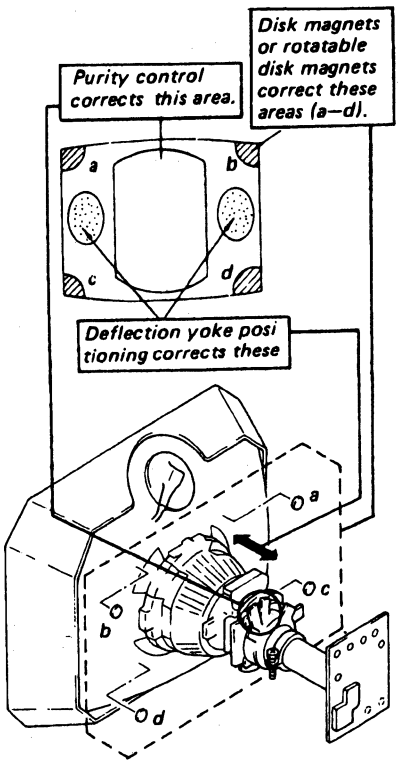


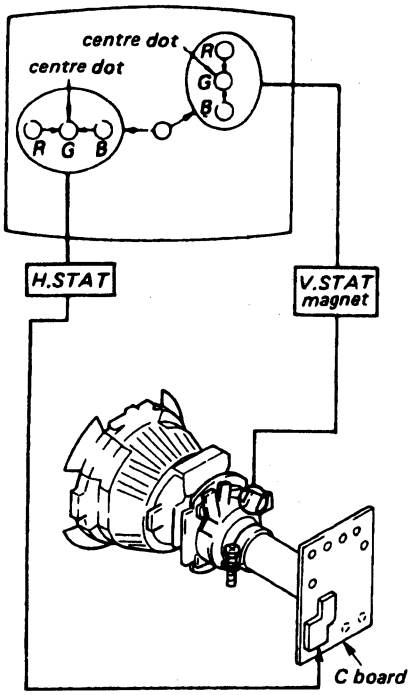
Fig. 3-3.

3-2. CONVERGENCE

Preparation:

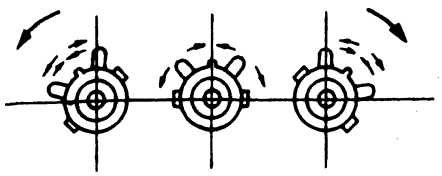
- Before starting, perform FOCUS, H.SIZE, V.SIZE and V.LIN adjustments.
- Turn BRIGHTNESS control fully counterclockwise and PICTURE control to normal.
- Feed in the dot pattern.

(1) Horizontal and Vertical Static Convergence

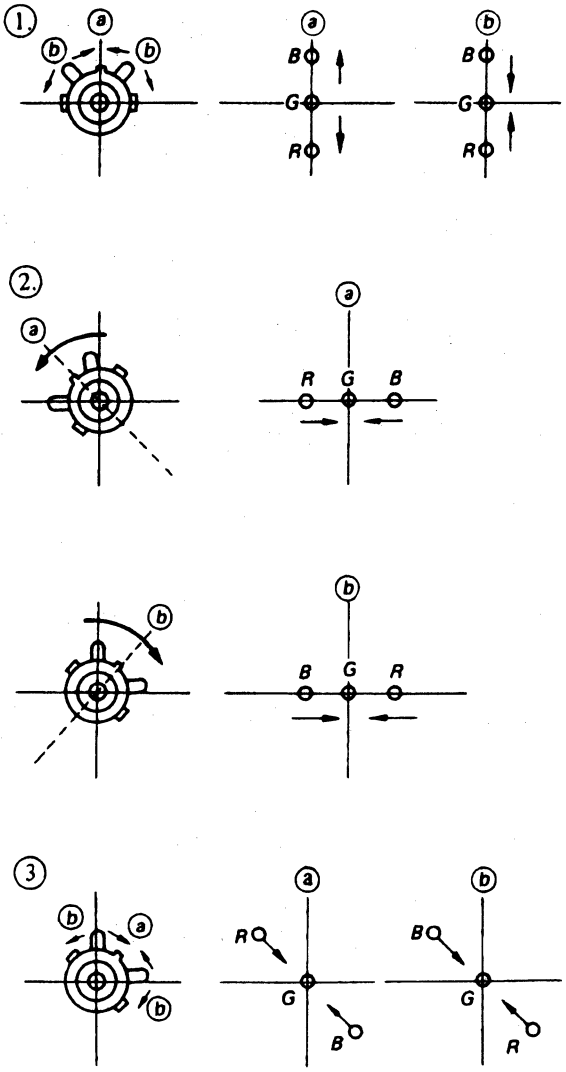


1. Adjust H.STAT VR to coincide red, green and blue dots on the centre of screen (Horizontal movement)
2. Adjust V.STAT magnet to coincide red, green and blue dots on the centre of screen (Vertical movement)
3. If the red, green and blue dots do not coincide on the centre of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below. (In this case, H.STAT VR and V.STAT magnet effect each other.)

- Tilt the V.STAT magnet and adjust static convergence to open or close the V.STAT magnet.



4. When the V.STAT magnet is moved in the direction of arrow (a) and (b), Red. Green and Blue dots move as shown below.

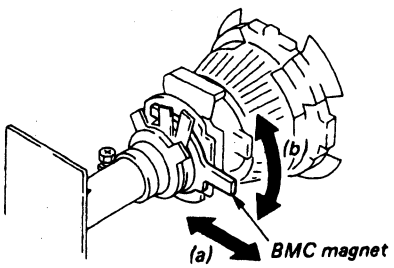


If blue dot does not coincide with red and green dots, perform following steps.

Move BMC magnet (a) to correct insufficient H. static convergence.

Rotate BMC magnet (b) to correct insufficient V. static convergence.

In either case, repeat Beam Landing Adjustment.



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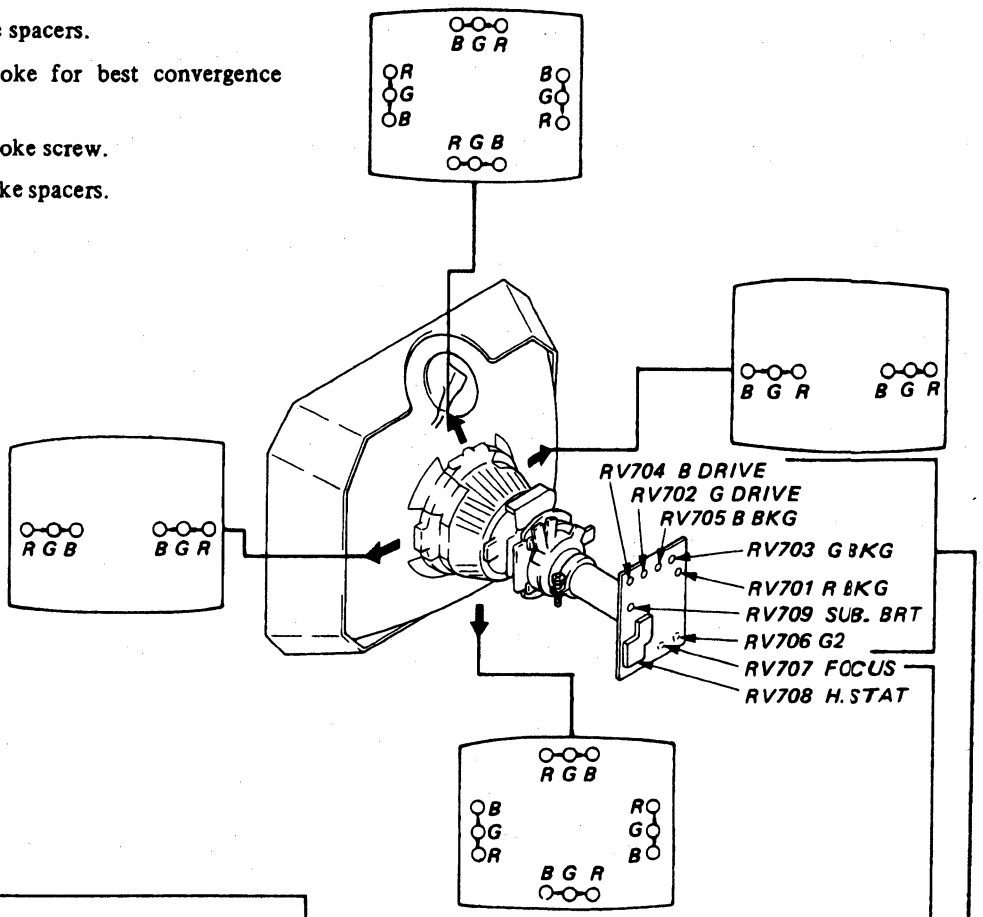
(2) Dynamic Convergence Adjustment

Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

1. Loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



3-3. FOCUS (RV707)

Adjust Focus VR(RV707) for a best Picture.

3-4. WHITE BALANCE

[SCREEN (G_2)]

1. Input a dots pattern.
2. Set the PICTURE control at minimum and turn the BRIGHT control fully counterclockwise.
3. Confirm that BKG voltage is less than 160V dc when turning RV701 (R.BKG), RV703 (G.BKG) and RV705 (B.BKG).
4. Note the colour which becomes visible first when turning RV706.

[WHITE BALANCE (Cut off)]

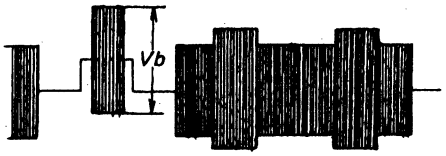
1. Input a all white signal.
2. Set the PICTURE control to minimum and turn the BRIGHT control mechanical centre.
3. Turn RV704 (B.DRIVE) and RV702 (G.DRIVE) fully clockwise.
4. Set RV701 (R.BKG), RV703 (G.BKG) and RV705 (B.BKG) to minimum.
5. Turn RV709 (SUB BRT) slowly to obtain a faintly visible cross-hatch.
   Note the colour that first becomes visible by turning RV709.
   Do not turn a BKG control for this colour.
6. Adjust the other two BKG controls for best white balance (neutral gray) of the faint cross-hatch.
7. Set the PICTURE control fully clockwise.
   Observe the screen and adjust the DRIVE controls for best white balance.
8. Repeat steps 1, through 7.

SECTION 4
CIRCUIT ADJUSTMENT

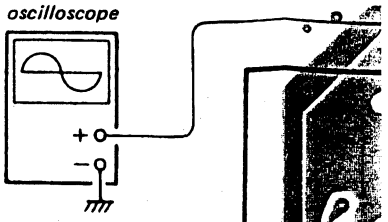
4-1. A BOARD ADJUSTMENTS

ACC ADJUSTMENT

1. Input the PAL colour bar signal.
2. Set the PICTURE, COLOUR and BRT control to normal.
3. Observe IC301 pin (7) waveform and adjust ACC VR (RV304) so that the waveform level is 170±10m $V_{p\text{-}p}$



$Vb = 170 \pm 10m\ V_{p\text{-}p}$



A·P·C· ADJUSTMENT

1. Input the PAL colour bar signal.
2. Set the PICTURE, COLOUR and BRT control to normal.
3. Short circuit between pin (11) and pin (12) of IC301 with a jumper.
4. Adjust CV301 for suitable colour intensity.
5. Remove a jumper.

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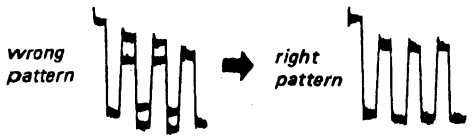
ANTI-PAL, LINE CRAWLING ADJUSTMENT

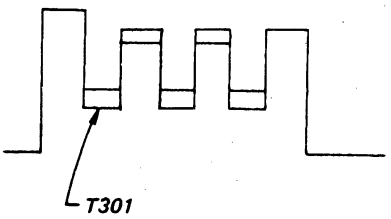
• ANTI-PAL ADJUSTMENT

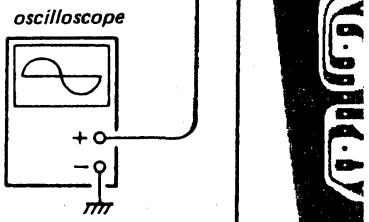
1. Input the PAL color bar signal.
2. Set the PICTURE, color and BRT control to normal.
3. Observe the A-1 (4) (Blue) output waveform shown in the oscilloscope.
4. Adjust RV302 (DELAY) and RV303 (PHASE) to obtain the waveform as show below.



• LINE CRAWLING ADJUSTMENT

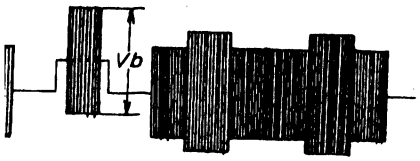
1. Input the PAL colour bar signal.
2. Set the PICTURE, COLOUR and BRT control to normal.
3. Observe the A-1 (4) (Blue) output waveform shown in the oscilloscope.
4. Adjust T301 for minimum line crawling.



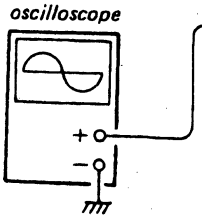


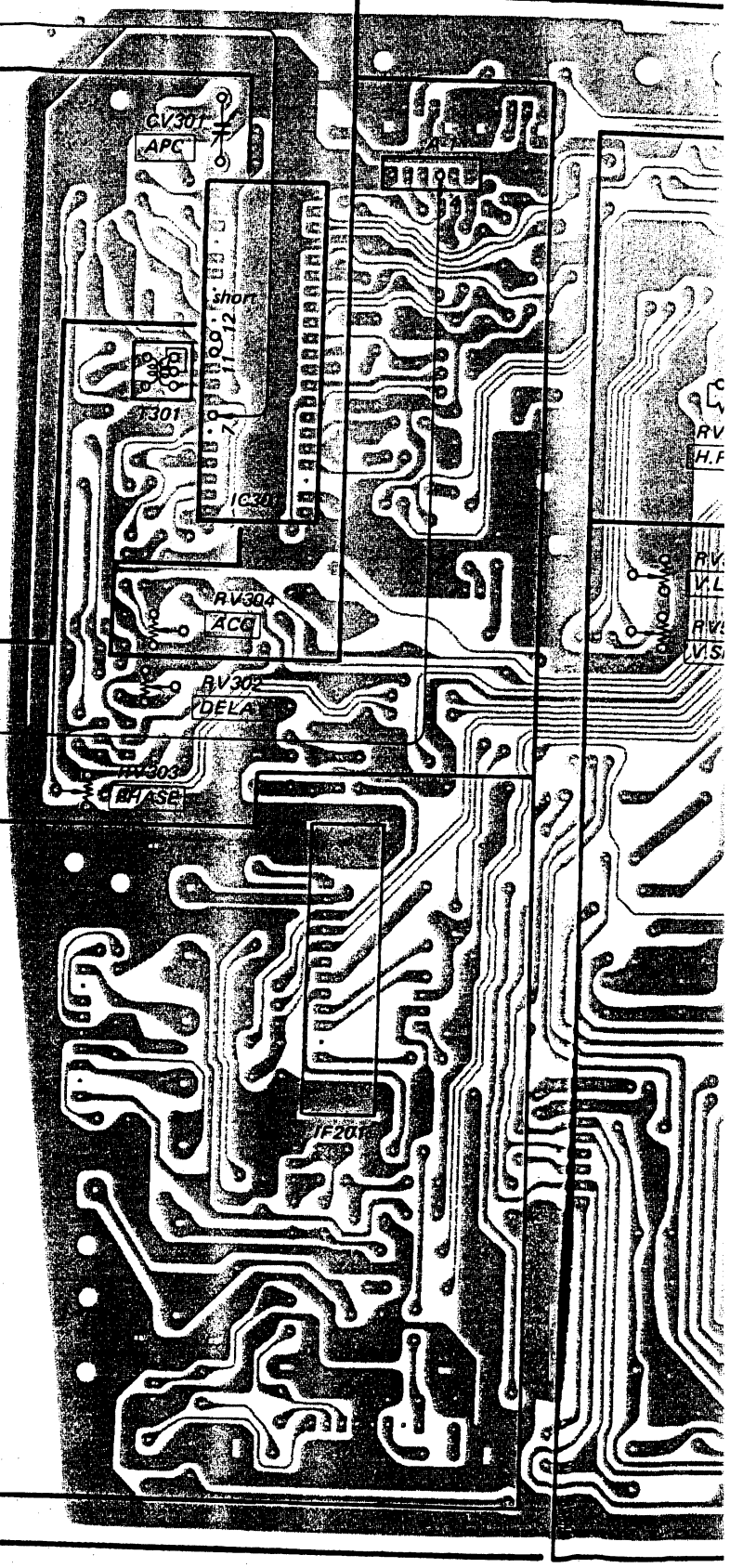
TU AGC ADJUSTMENT

Adjust RF AGC (on IF201) so that snow noie cross modulation adjust disappear from the picture.



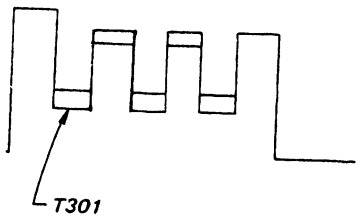
Vb = 170±10m V_{p-p}

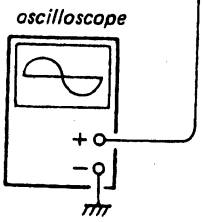




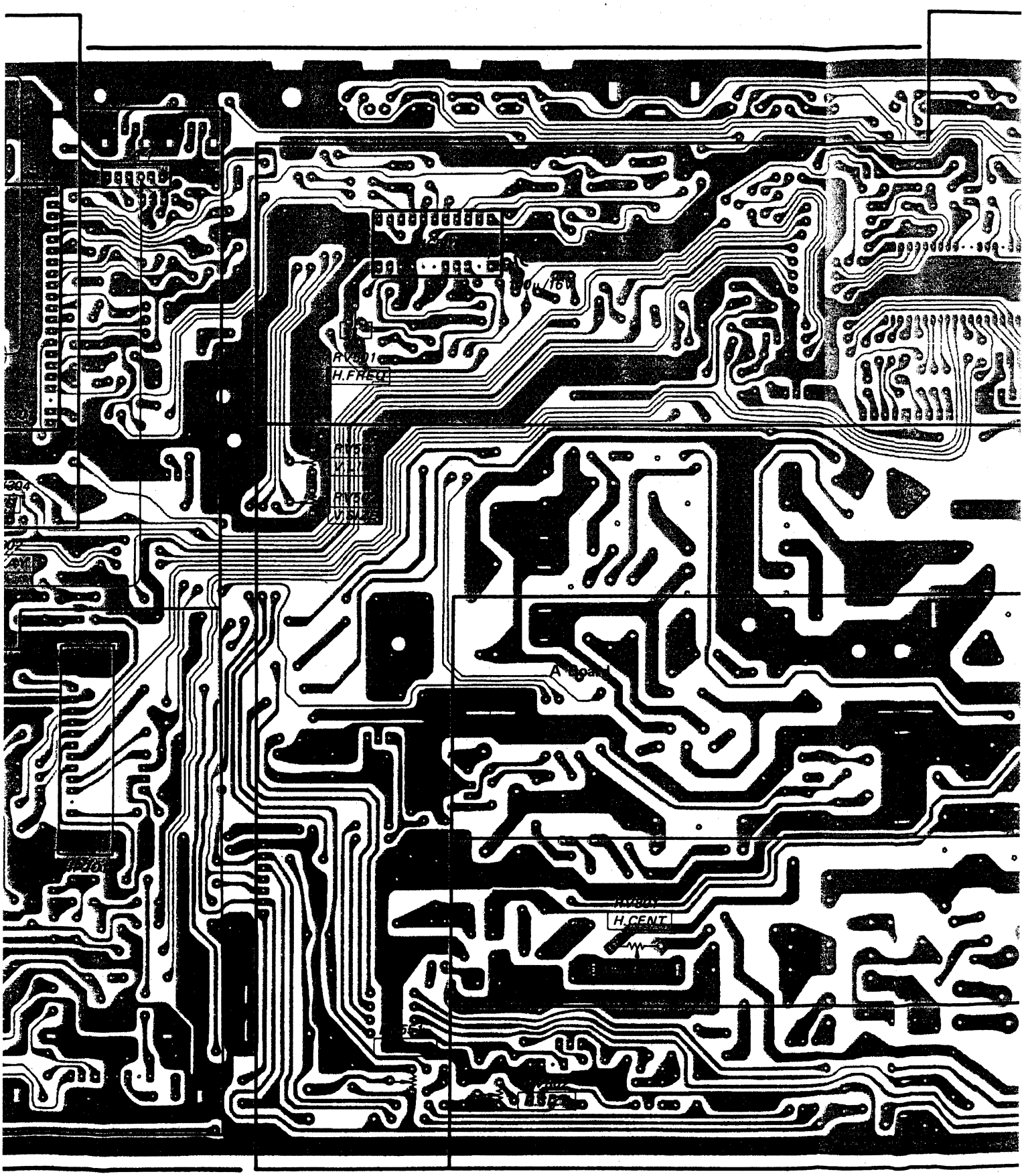
• *LINE CRAWLING ADJUSTMENT*

1. *Input the PAL colour bar signal.*
2. *Set the PICTURE, COLOUR and BRT control to normal.*
3. *Observe the A-1 ④ (Blue) output waveform shown in the oscilloscope.*
4. *Adjust T301 for minimum line crawling.*





KV-1462UB
RM-655



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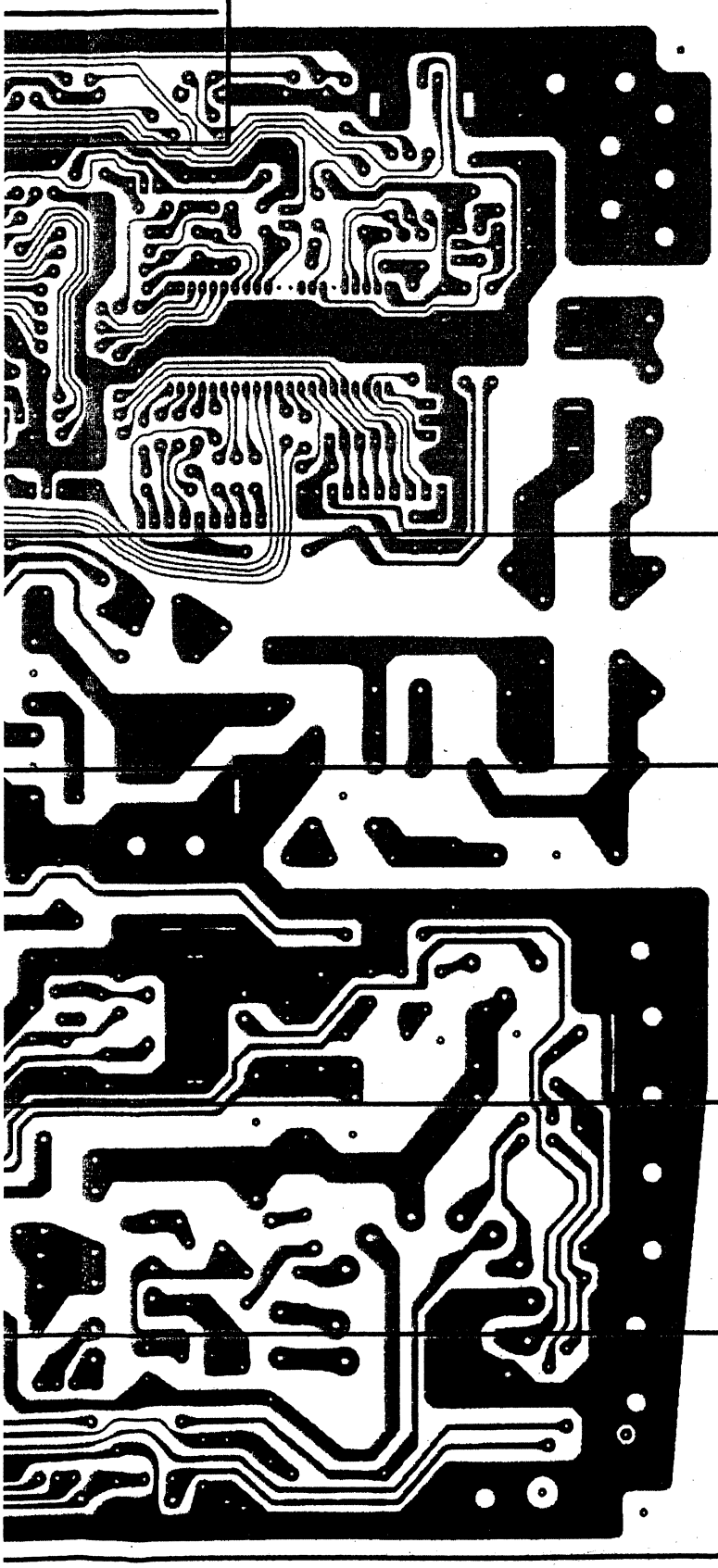
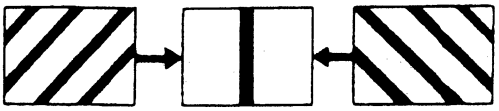


H·FREQ ADJUSTMENT

1. *Input the PAL colour bar signal.*
2. *Set the PICTURE, COLOUR and BRT control to normal.*
3. *Connect a 100μ/16V chemical capaciter between IC501 pin (1) and ground.*
4. *Adjust RV501 for the image shown below.*
5. *Disconnect a 100μ/16V.*
6. *Change tuner channel and confirm that picture does not change.*



fo: too low *fo: suitable (fo=15625±50Hz)* *fo: high*

V·SIZE V·LIN V·CENT

Adjust RV502, RV503 and RV551 for a best vertical size picture.

H·CENT ADJUSTMENT

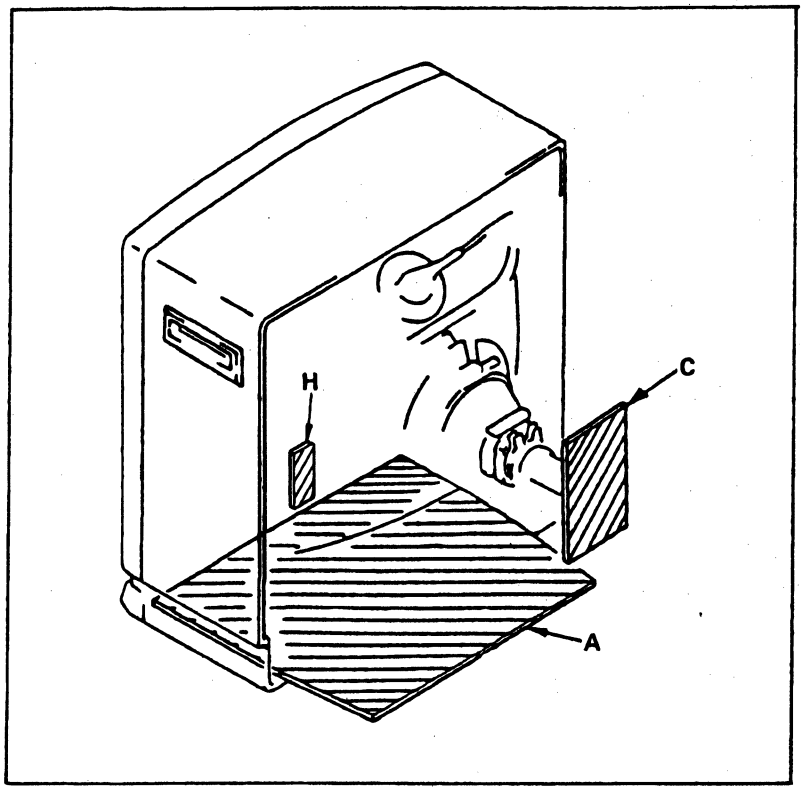
Adjust RV801 for a centre the picture.

H·SIZE ADJUSTMENT

Adjust RV802 for a best size picture.

SECTION 5
DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION

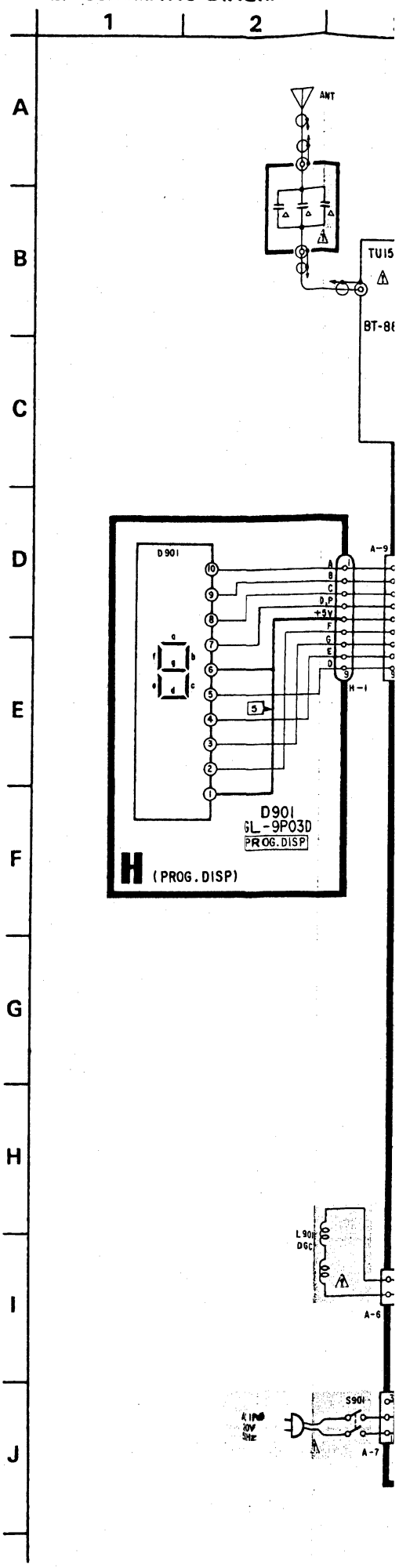


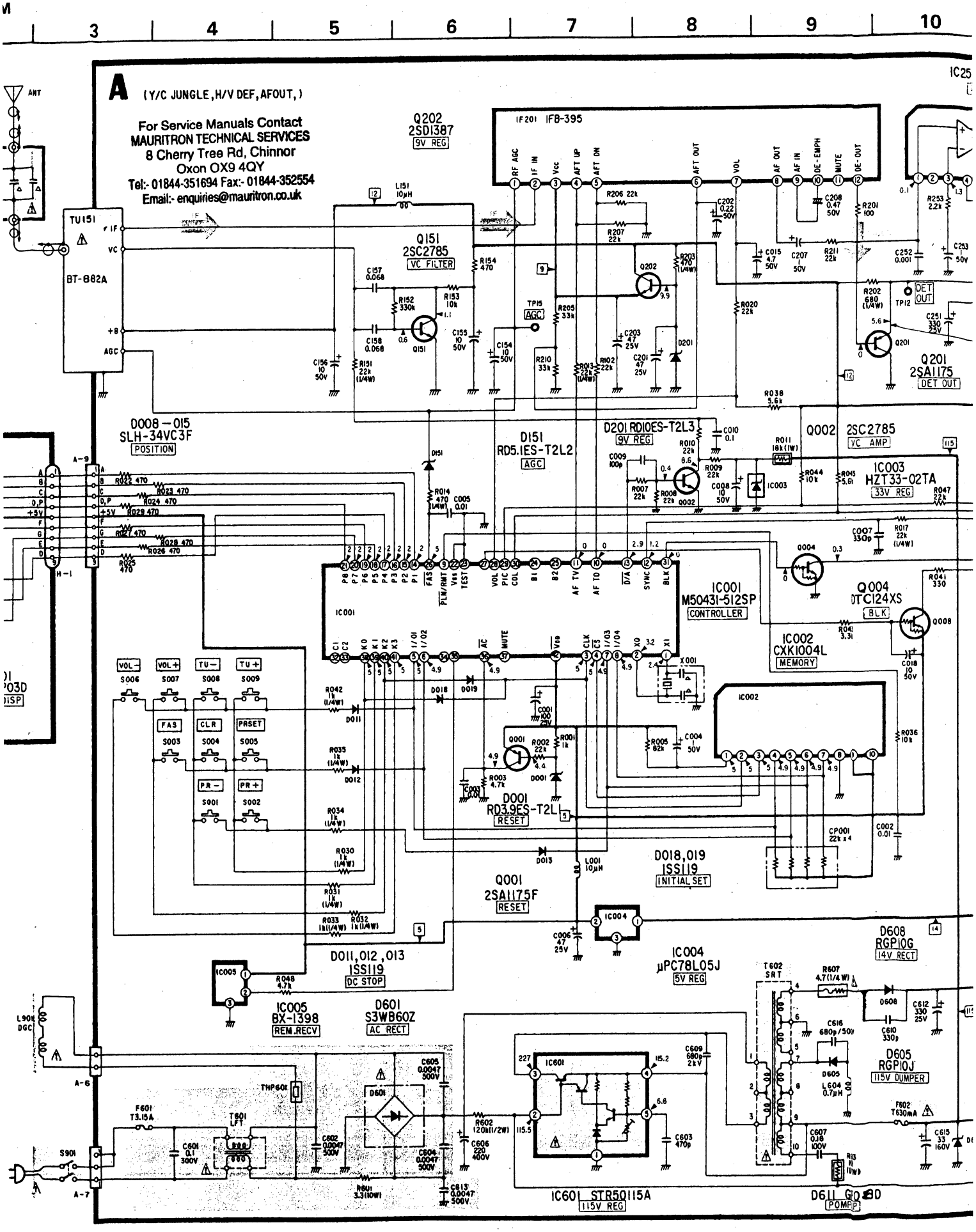
Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics.
- All resistors are in ohms, 1/6W unless otherwise noted. k: 1000Ω; M: 1000kΩ
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : nonflammable resistor.
- : fusible resistor.
- △ : internal component.
- : panel designation.
- : adjustment for repair.
- All voltage are in V.
- : B+ bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 MΩ digital multimeter.
- Readings are taken with a colour-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- : signal path.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

5-2. SCHEMATIC DIAGRAM




A
(Y/C JUNGLE, H/V DEF, AFOUT,)
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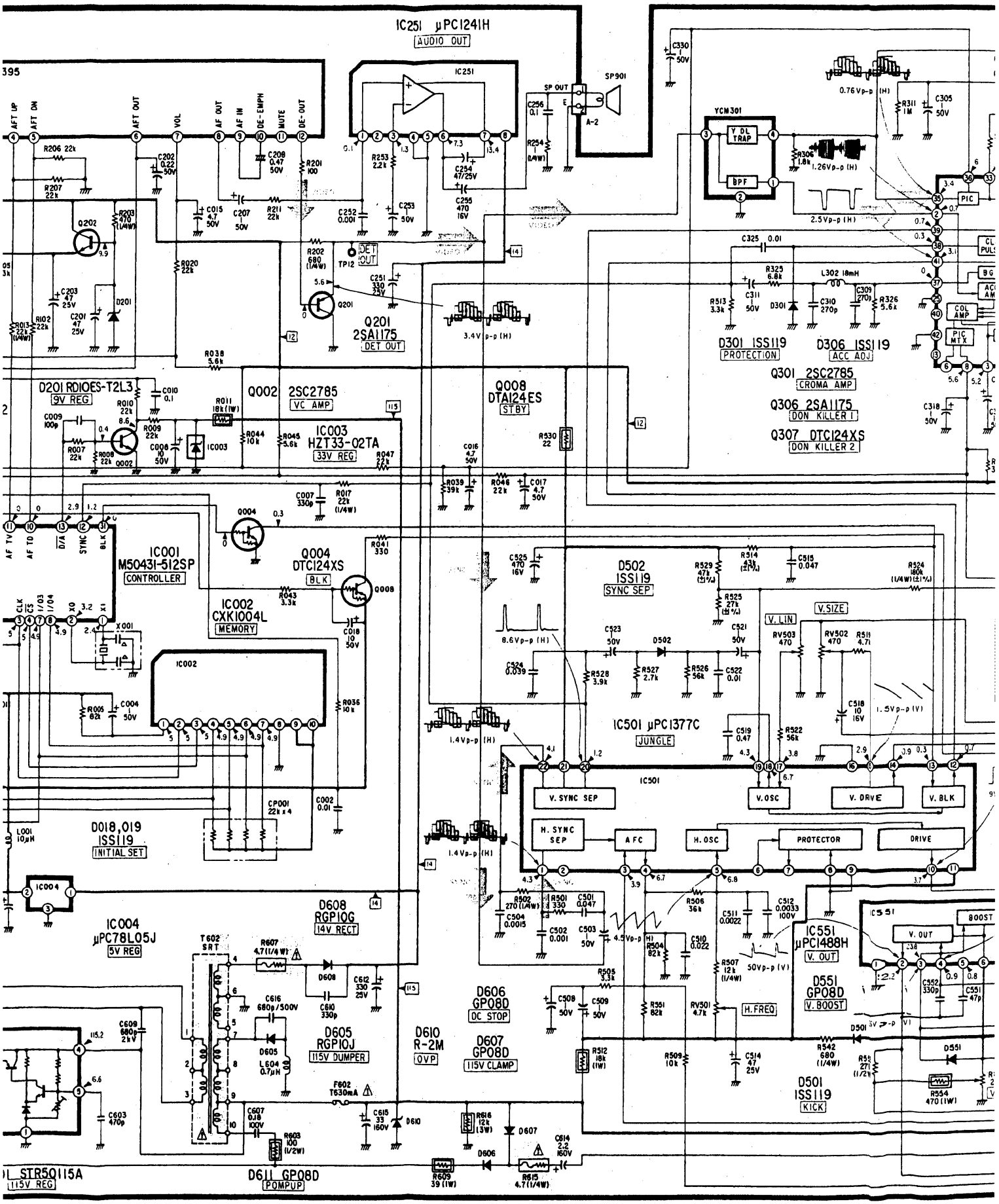
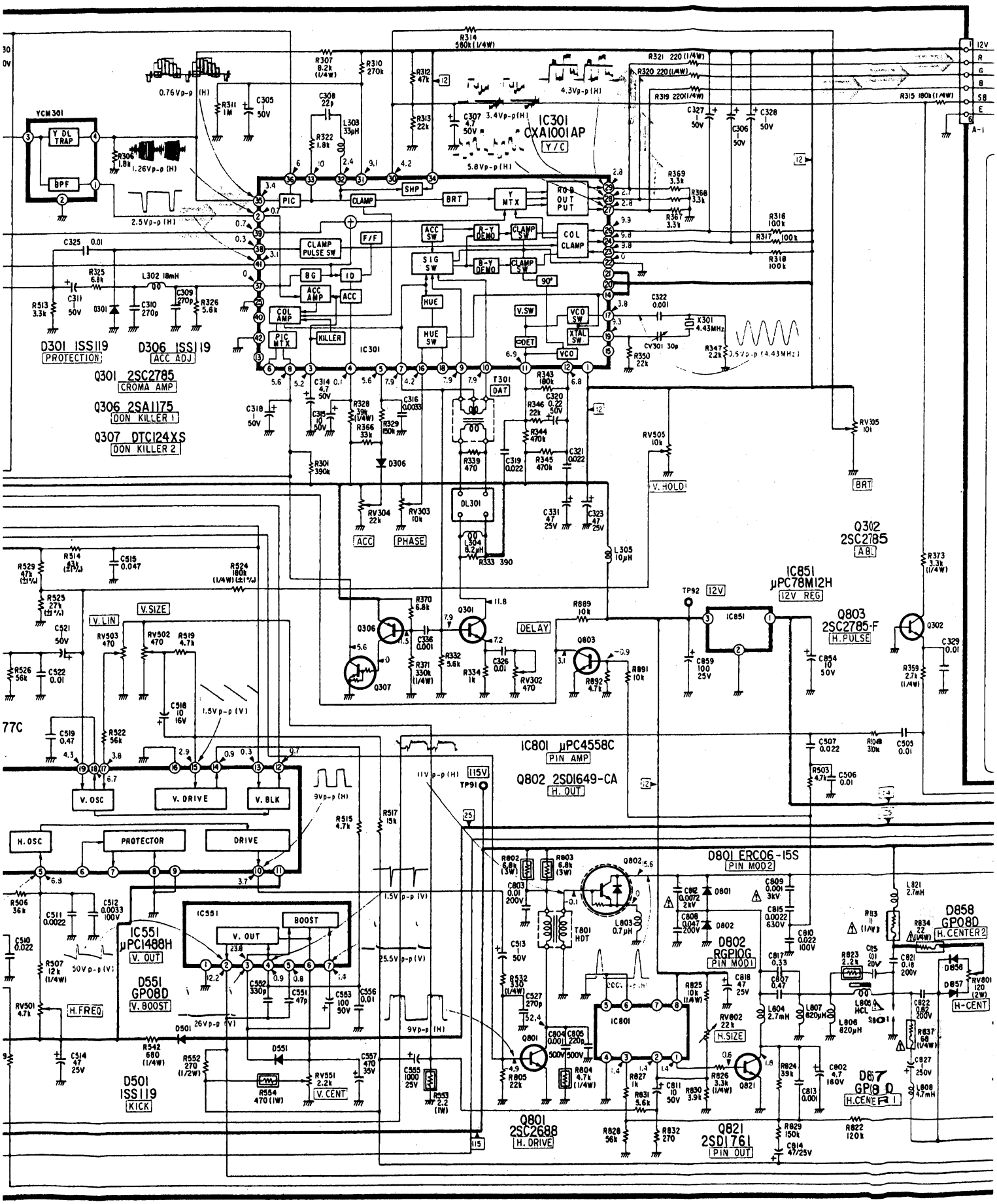
ANT
TU151
BT-882A
IF
VC
+B
AGC
Q202
2SD1387
9V REG
IF201 IFB-395
RF AGC
IF IN
Vcc
AFT UP
AFT DN
AFT OUT
VOL
AF OUT
AF IN
DE-EMPH
MUTE
DE-OUT
L151 10µH
Q151
2SC2785
VC FILTER
TP15
AGC
Q201
2SA1175
DET OUT
TP12
D008-015
SLH-34VC3F
POSITION
D151
RD5.1ES-T2L2
AGC
D201 RD10ES-T2L3
9V REG
Q002 2SC2785
VC AMP
IC003
HZT33-02TA
33V REG
IC001
M50431-512SP
CONTROLLER
IC002
CXK1004L
MEMORY
Q004
DTC124XS
BLK
X001
VOL-
VOL+
TU-
TU+
S006
S007
S008
S009
FAS
CLR
PRSET
S003
S004
S005
PR-
PR+
S001
S002
D001
RD3.9ES-T2L
RESET
D018,019
1SS119
INITIAL SET
Q001
2SA1175F
RESET
IC004
µPC78L05J
5V REG
D608
RGP10G
14V RECT
D011,012,013
1SS119
DC STOP
IC005
BX-1398
REM.RECV
D601
S3WB60Z
AC RECT
D605
RGP10J
115V DUMPER
IC601 STR50115A
115V REG
D611 GP10D
POMP
T602
SRT
F601
T3.15A
T601
LFT
S901
F602
T630mA
A-6
A-7
A-9
H-1


IC251 μPC1241H
AUDIO OUT
IC251
SP OUT
SP901
A-2
YCM301
Y DL TRAP
BPF
PIC
COL AMP
PIC MTX
D301 ISS119
PROTECTION
D306 ISS119
ACC ADJ
Q301 2SC2785
CROMA AMP
Q306 2SA1175
DON KILLER 1
Q307 DTC124XS
DON KILLER 2
Q201 2SA1175
DET OUT
Q002 2SC2785
VC AMP
Q008 DTA124ES
STBY
D201 RD10ES-T2L3
9V REG
IC003 HZT33-02TA
33V REG
Q004 DTC124XS
BLK
IC001 M50431-512SP
CONTROLLER
IC002 CXK1004L
MEMORY
D018,019 ISS119
INITIAL SET
IC004 μPC78L05J
5V REG
D608 RGP10G
14V RECT
D606 GP08D
DC STOP
D605 RGP10J
115V DUMPER
D610 R-2M
OVP
D607 GP08D
115V CLAMP
D611 GP08D
POMPUP
STR50115A
115V REG
IC501 μPC1377C
JUNGLE
V. SYNC SEP
H. SYNC SEP
AFC
H. OSC
V. OSC
V. DRIVE
V. BLK
PROTECTOR
DRIVE
D502 ISS119
SYNC SEP
V. LIN
V. SIZE
H. FREQ
IC551 μPC1488H
V. OUT
D551 GP08D
V. BOOST
D501 ISS119
KICK

13 | 14 | 15 | 16 | 17 | 18 | 19 | 20



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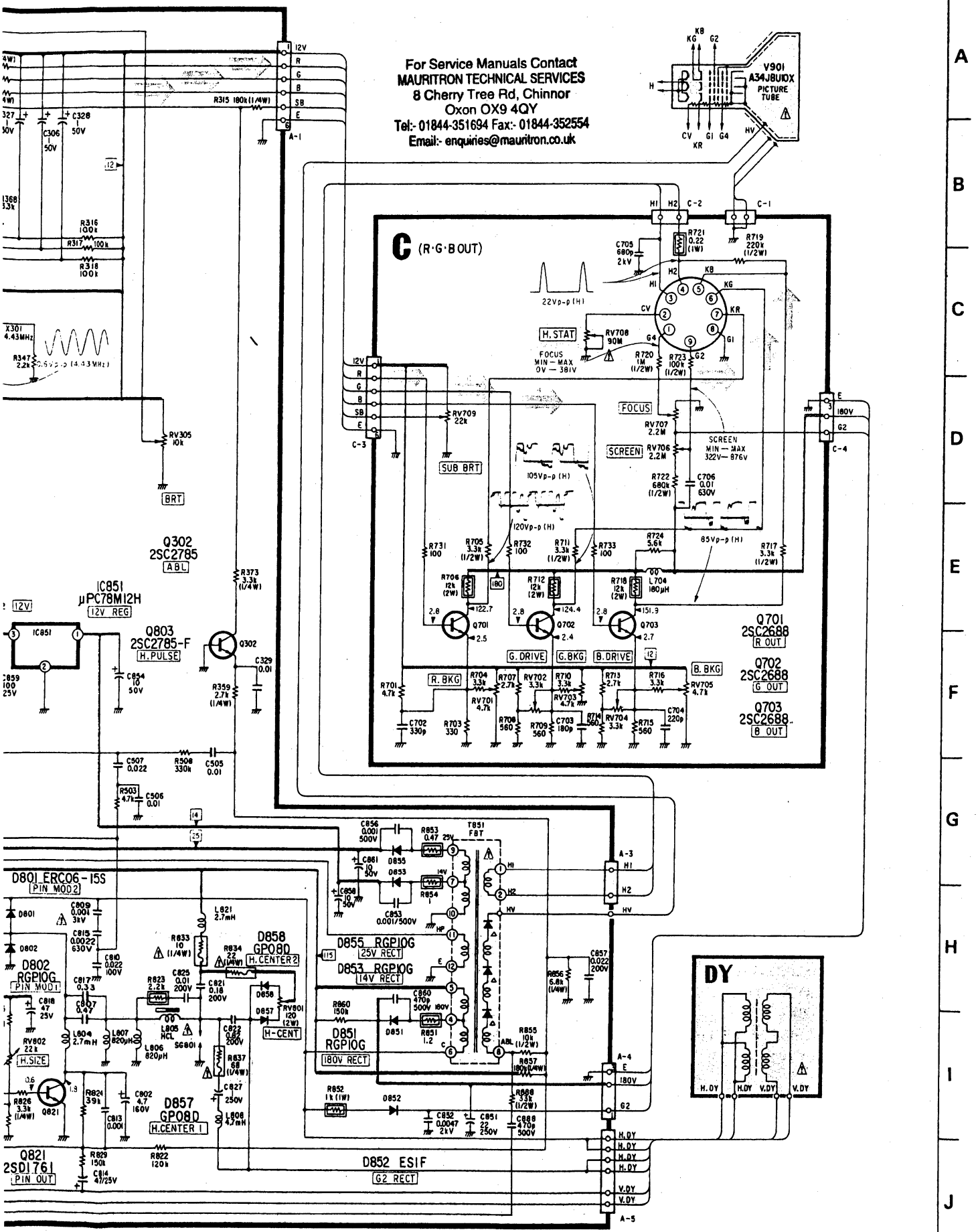


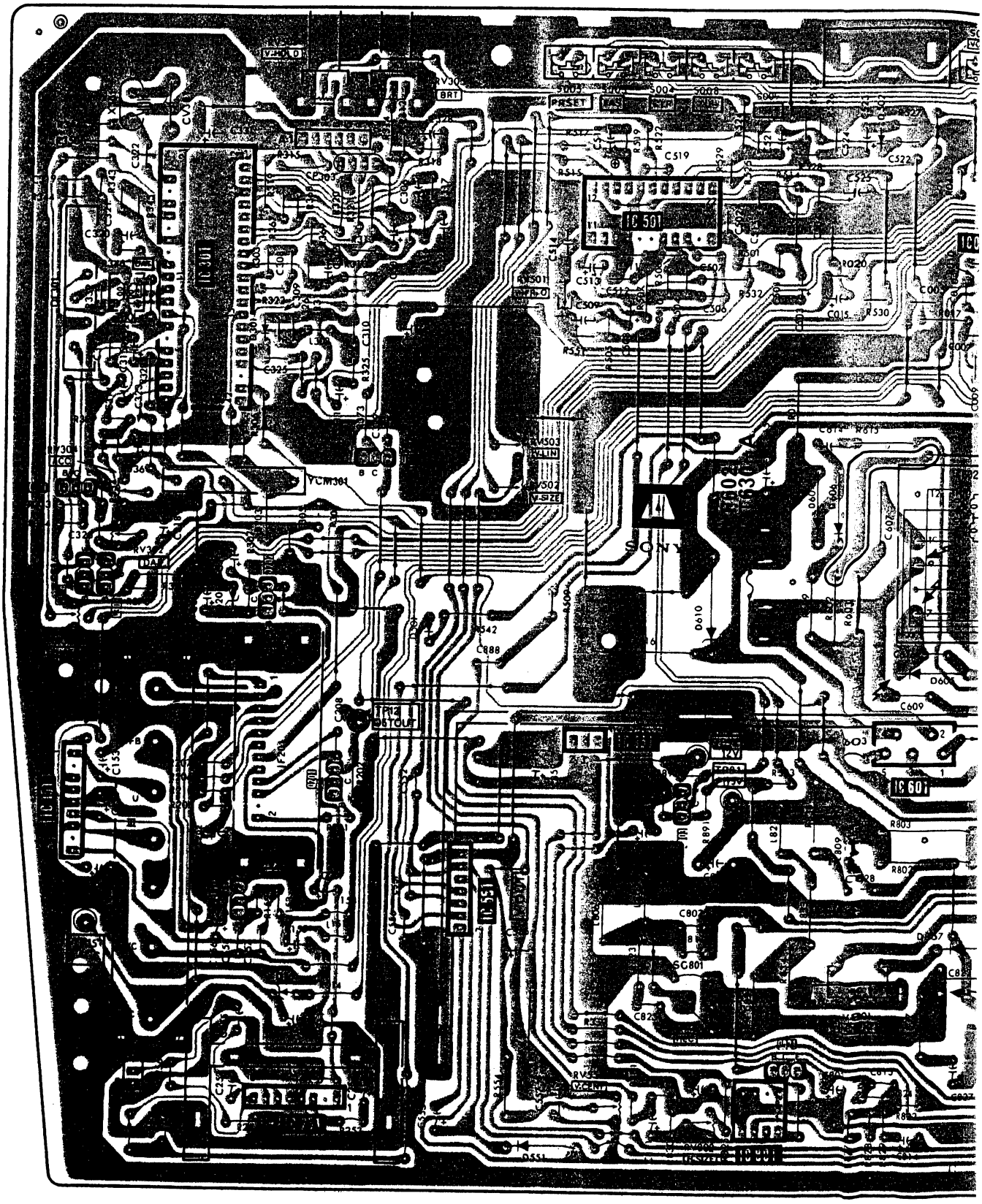
5-3. PRINTED WIRING BOARDS

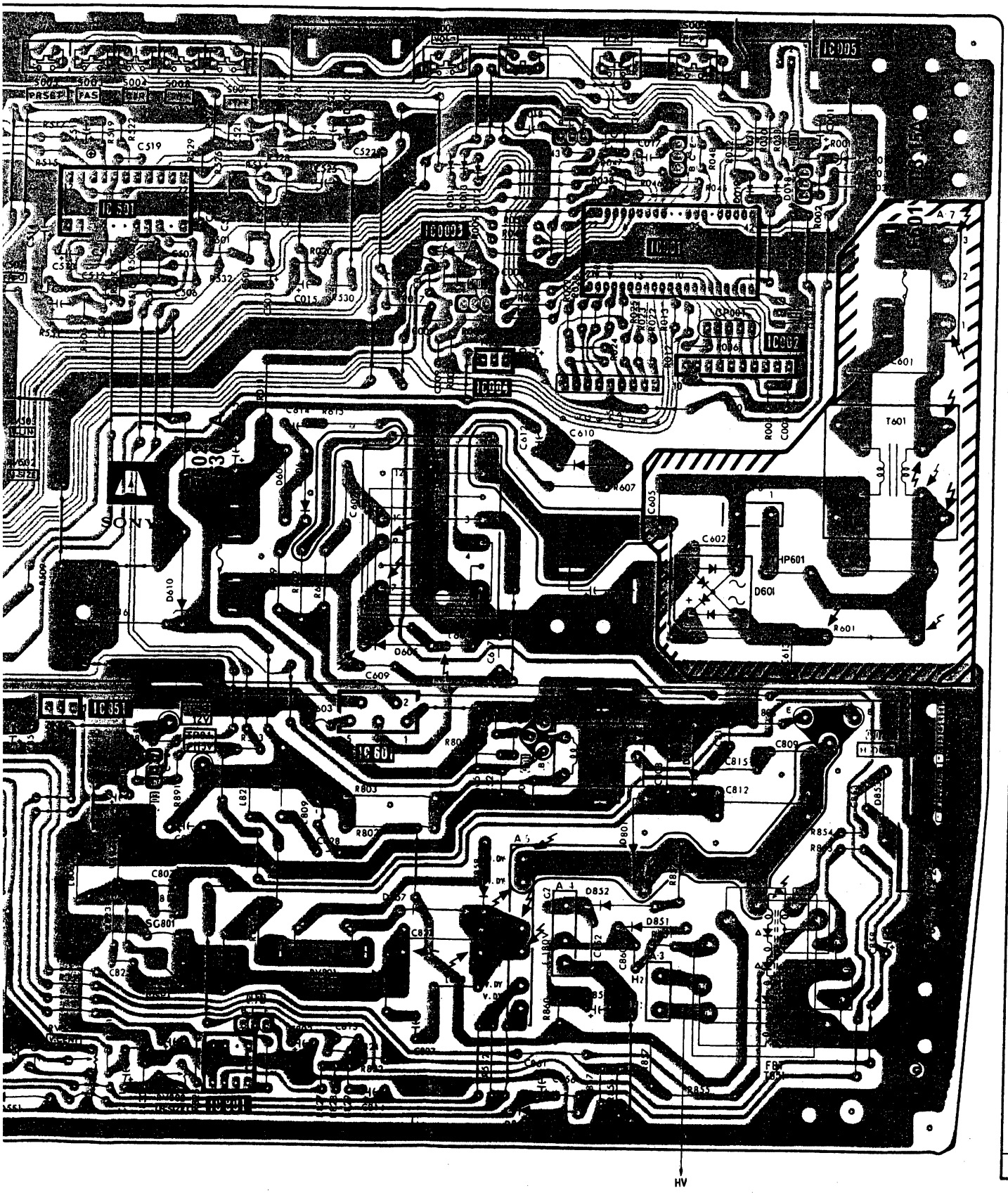
[Y/C JUNGLE
H/V DEF. AF OUT] **A**

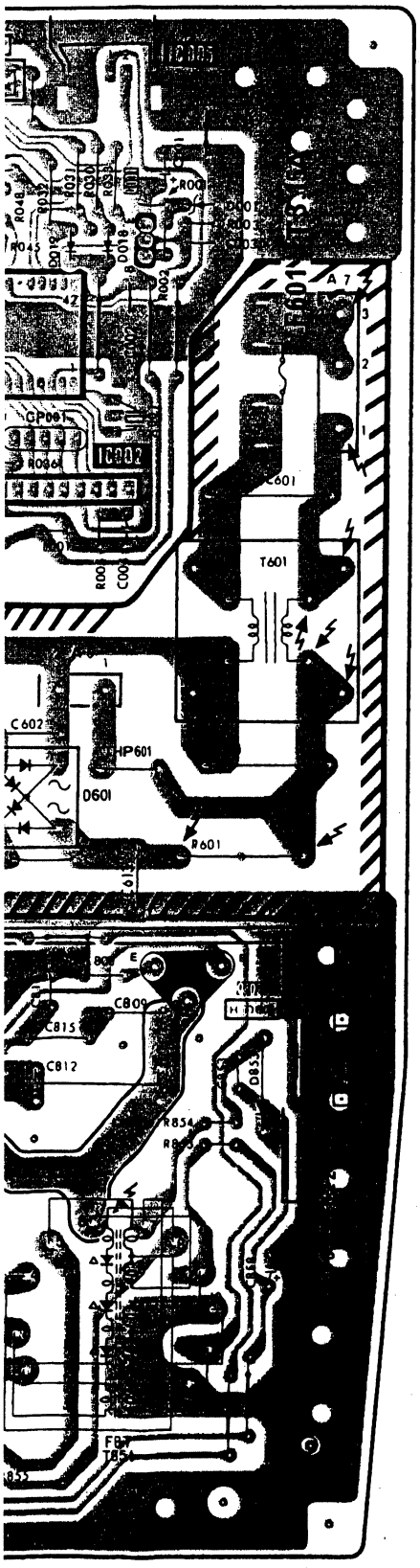
1 2 3 4 5 6 7 8

A B C D E F G H I J

A Board

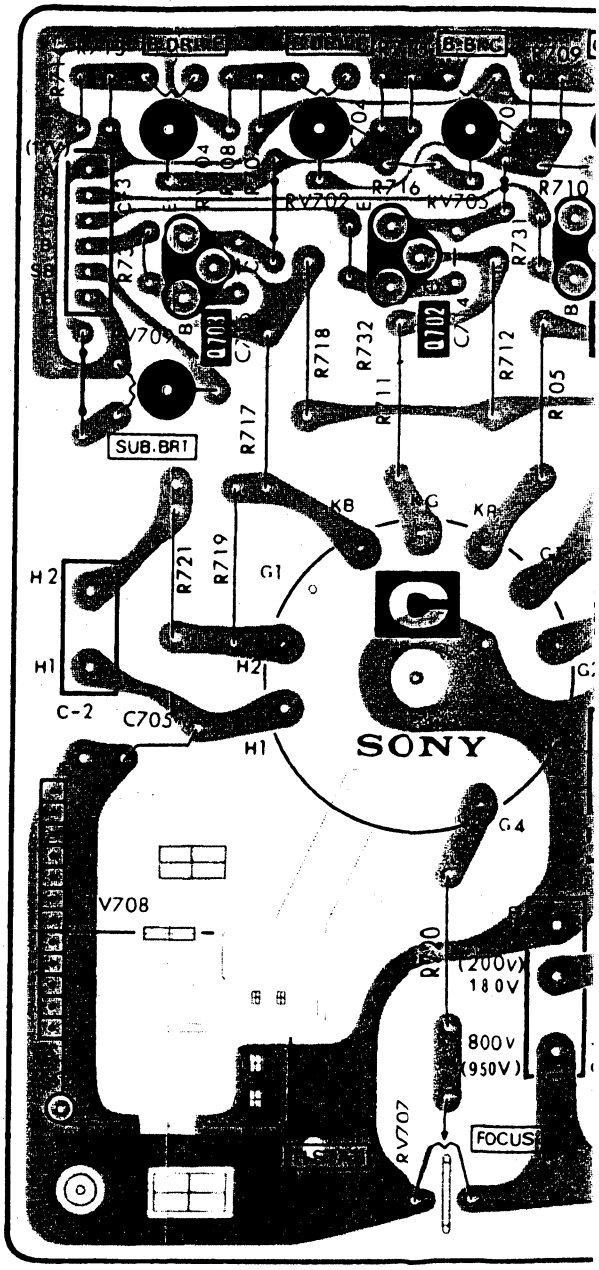



IC005
IC501
IC003
IC002
IC001
T601
C601
C610
R607
C602
HP601
D601
R601
C609
IC351
IC601
R803
C809
C815
C812
R854
D852
D851
SG801
C827
R840
FB851
R855
IC801
HV
SONY



IC, Q	D	ADJ	TP
IC005			
		RV505 RV305 CV301	
008	502		
004	001		
	001, 013 012		
001	019, 018		
IC501			
IC001			
IC003			
IC301			
002		RV501	
	301		
IC004 IC002			
	306	RV503	
302			
301	508	RV502	
	607, 606	RV304	
		RV302	
306, 307			
202	201 610 601		
	501	RV303	
	605		
			12
802			92
801			
201	802		
803			91
IC151	853		
	801		
151 IC551	858		15
	852		
	857		
	851		
	151	RV801	
821			
IC251 IC801		RV551 RV802	
	551		
	855		
IC, Q	D	ADJ	TP

C Board

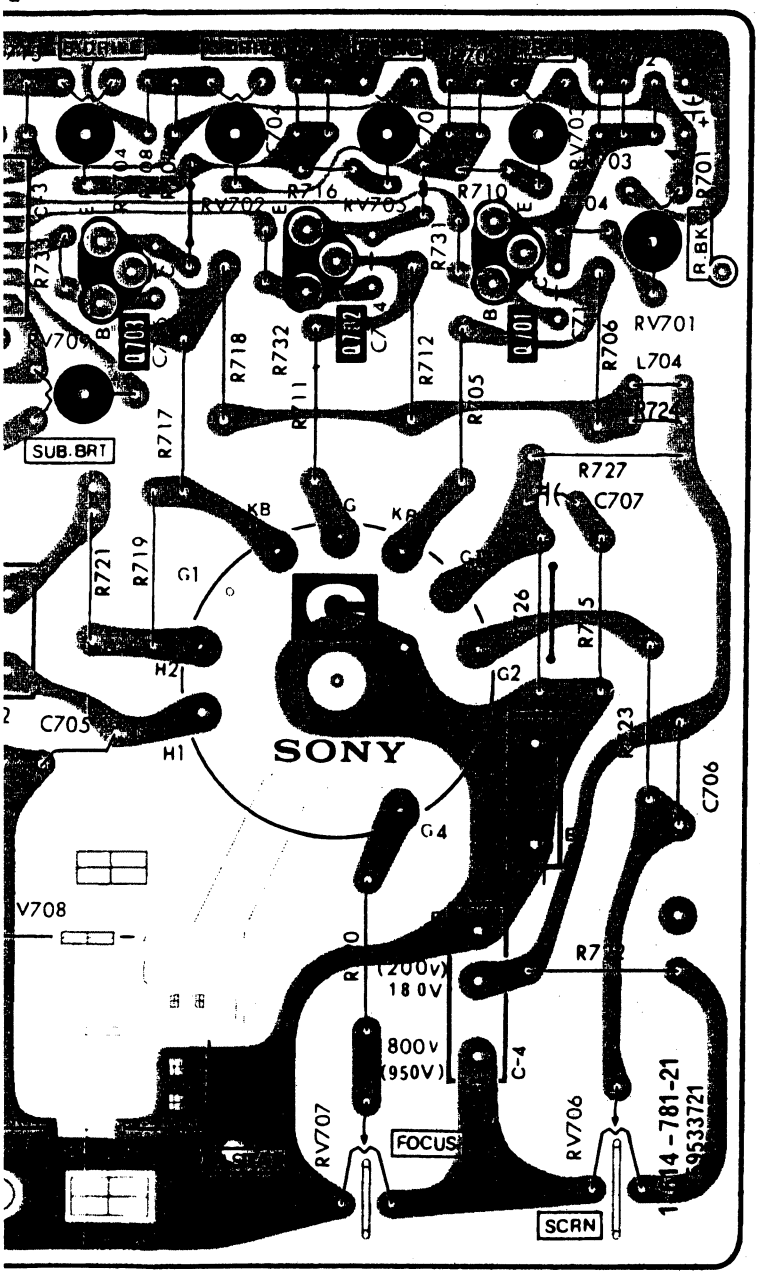


[R.G.B OUT] C [PROG DISP] H

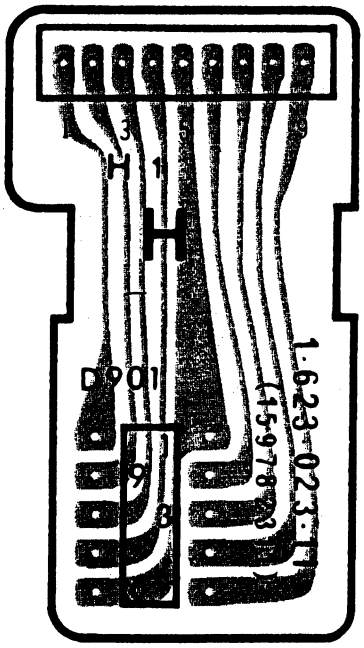
16 17 18 19 20 21 22 23

A B C D E F G H I J

d



H Board



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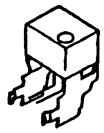
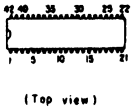
5-4. Semiconductors Lead Layout

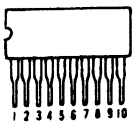
BX-1398



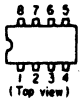
CXA1001AP
M50431-511SP



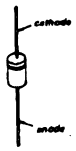
CXK1004L



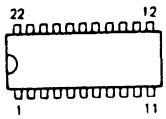
HA17558
NJM4558D
μPC4558C



HZT33-02TA

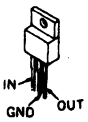


μPC1377C

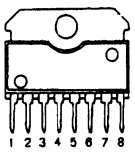


STR50115A

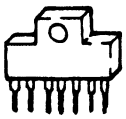
μPC78M12H



μPC1241H



μPC1488H

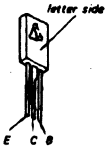


2SA933
2SD1387

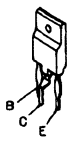
2SA1048
2SA1115
2SC403
2SC1740
2SC2458
2SC2603
DTC124XS

2SA1175
2SC2185

2SC2688

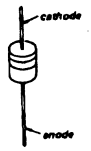


2SD1649

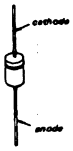


2SD1761

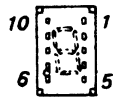
1SS119
1SS133
1SS148
HZS4.3NB1T2
HZS5.6NB3T2
RD4.3ESB1
RD5.6ESB3



ERC06-15S
ERC24-06S

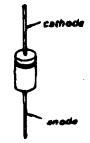


GL-9P03D



(Bottom View)

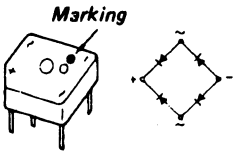
GP08DPKG23
RGP10GPKG23
RGP10J



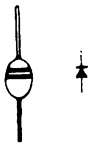
R2M

RB406NH

S3WB60Z



U05G



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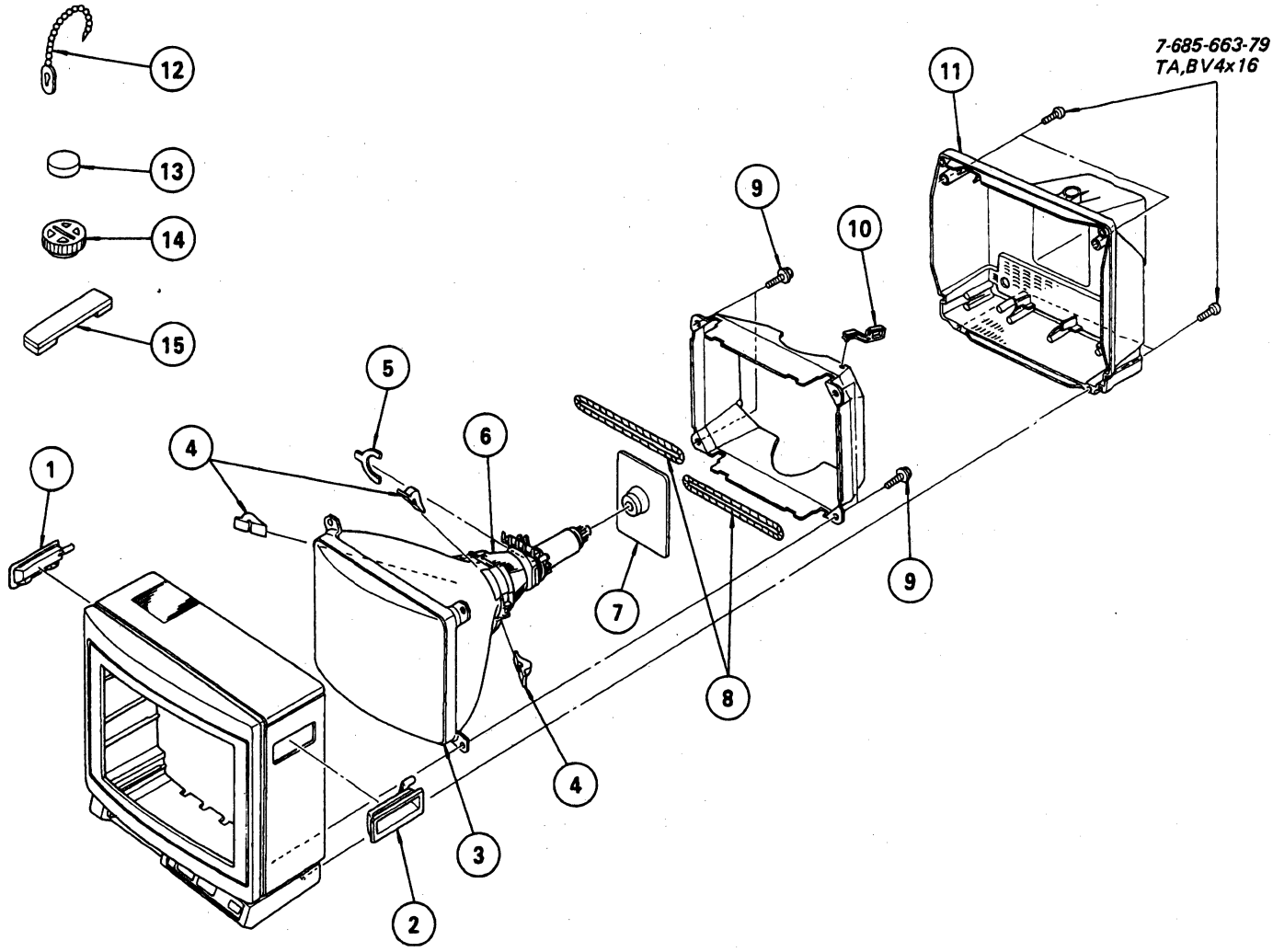
SECTION 6
EXPLODED VIEWS

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

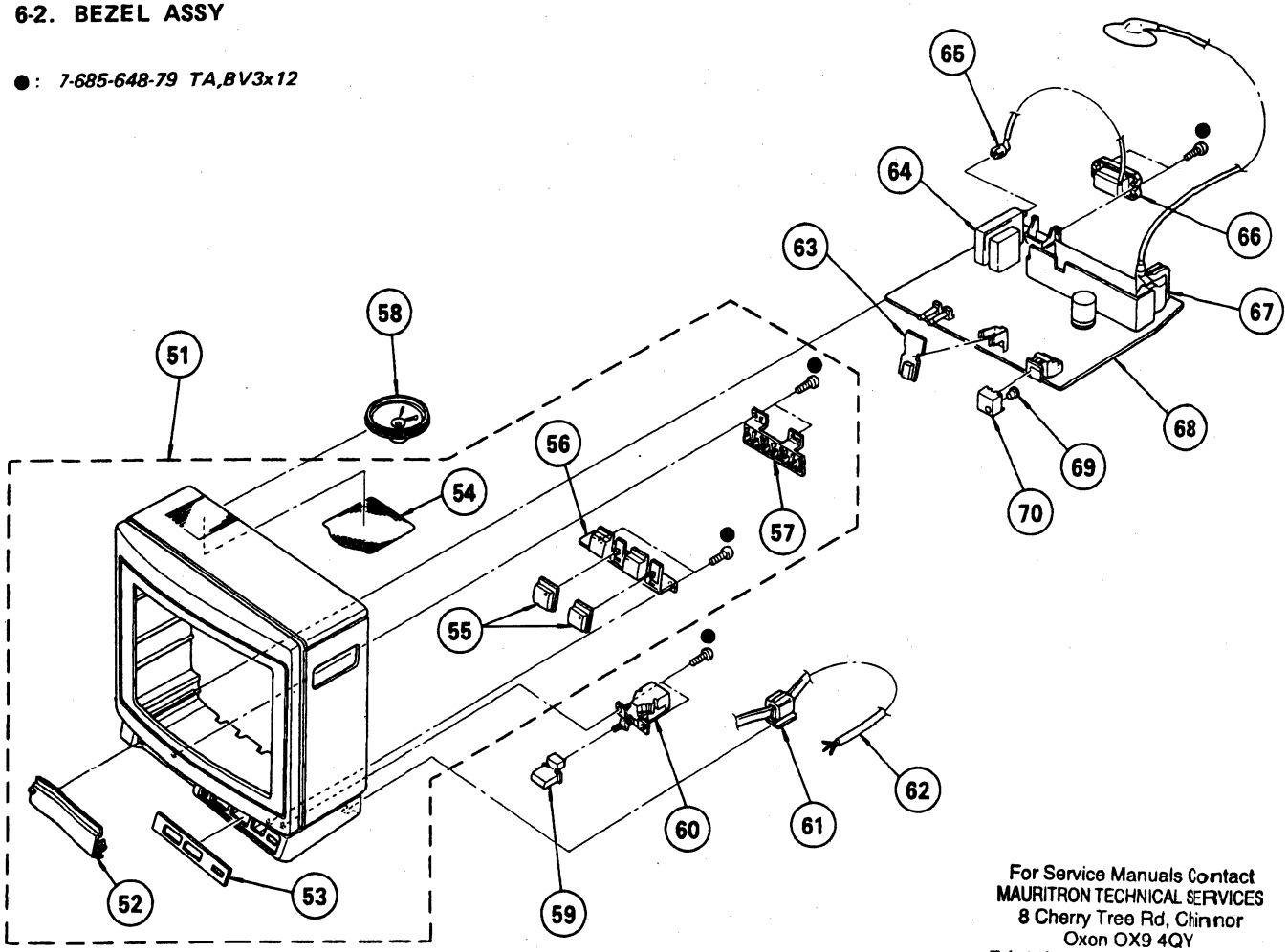
6-1. PICTURE TUBE



No.	Part No.	Description	Remark
1	4-374-921-61	HANDLE (LEFT)	
2	4-374-920-31	HANDLE (RIGHT)	
3	⚠8-735-553-05	PICTURE TUBE(A34JBU10X)	
4	3-703-961-01	SPACER, DY	
5	1-452-277-00	MAGNET, BMC	
6	⚠1-451-249-31	DEFLECTION YOKE (SY-125B)	
7	*A-1330-628-A	C BOARD, COMPLETE	
8	⚠1-426-145-13	COIL, DEGAUSSING	
9	4-365-808-00	SCREW (5), TAPPING	
10	*4-346-339-00	HOLDER, HV CABLE	
11	4-376-557-01	COVER, BACK	
12	4-308-870-00	CLIP, LEAD WIRE	
13	1-452-032-00	MAGNET,DISK; 10MM ø	
14	1-452-094-00	MAGNET, ROTATABLE DISK; 10MM ø	
15	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	

6-2. BEZEL ASSY

●: *7-685-648-79 TA,BV3x12*



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8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
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No.	Part No.	Description	Remark
51	X-4376-553-1	BEZEL ASSY	52,53,54,55,56,57
52	X-4376-552-1	DOOR ASSY, CONTROL	
53	4-385-036-01	WINDOW (E), TUNING	
54	*4-374-962-01	NET, SPEAKER	
55	4-374-926-11	PUSH BUTTON	
56	4-376-516-21	BUTTON, CONTROL	
57	4-376-518-01	BUTTON, MULTI	
58	1-503-344-21	SPEAKER	
59	4-376-531-11	BUTTON (B), POWER	
60	⚠1-554-967-12	SWITCH, PUSH (AC POWER)(1 KEY)	
61	⚠4-368-619-03	HOLDER, CORD, AC	
62	⚠1-534-777-31	CORD, POWER SUPPLY	
63	*1-623-023-11	H BOARD	
64	⚠1-463-593-11	TUNER, ET (BT-882A)	
65	*1-555-111-71	CABLE, PIN	
66	⚠1-536-683-21	CONNECTOR, COAXIAL ANTENNA	
67	⚠1-439-311-32	TRANSFORMER ASSY, FLYBACK	
68	*A-1296-341-A	A BOARD, COMPLETE	
69	*4-374-987-01	GUIDE, LIGHT	
70	*4-381-686-01	BRACKET (B), BAR, OPTICAL	

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

SECTION 7
ELECTRICAL PARTS LIST

A

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

CAPACITORS
- MF : μF, PF : μμF

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

When indicating parts by reference number, please include the board name.

Ref.No.	Part No.	Description			Remark
	*A-1296-341-A	A BOARD, COMPLETE **********			
		CONNECTOR			
A1	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P			
A2	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
A3	*1-508-786-00	2P PLUG (M)			
A4	*1-508-765-00	3P PLUG (M)			
A5	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P			
A6	*1-508-786-00	2P PLUG (M)			
A7	*1-506-348-XX	3P PLUG (L)			
A9	*1-560-129-00	PLUG, CONNECTOR (2.5MM) 9P			
		CAPACITOR			
C001	1-124-478-11	ELECT	100MF	20%	25V
C002	1-101-004-00	CERAMIC	0.01MF		50V
C003	1-101-004-00	CERAMIC	0.01MF		50V
C004	1-124-791-11	ELECT	1MF	20%	50V
C005	1-101-004-00	CERAMIC	0.01MF		50V
C006	1-124-477-11	ELECT	47MF	20%	25V
C007	1-102-112-00	CERAMIC	330PF	10%	50V
C008	1-123-875-91	ELECT	10MF	20%	50V
C009	1-102-973-00	CERAMIC	100PF	5%	50V
C010	1-136-165-00	FILM	0.1MF	5%	50V
C015	1-124-927-11	ELECT	4.7MF	20%	50V
C016	1-124-927-11	ELECT	4.7MF	20%	50V
C017	1-124-927-11	ELECT	4.7MF	20%	50V
C018	1-123-875-91	ELECT	10MF	20%	50V
C154	1-123-875-91	ELECT	10MF	20%	50V
C155	1-123-875-91	ELECT	10MF	20%	50V
C156	1-123-875-91	ELECT	10MF	20%	50V
C157	1-136-163-00	FILM	0.068MF	5%	50V
C158	1-136-163-00	FILM	0.068MF	5%	50V
C201	1-124-477-11	ELECT	47MF	20%	25V
C202	1-124-464-11	ELECT	0.22MF	20%	50V
C203	1-124-477-11	ELECT	47MF	20%	25V
C207	1-124-791-11	ELECT	1MF	20%	50V
C208	1-124-655-11	ELECT	0.47MF	20%	50V
C251	1-124-479-11	ELECT	330MF	20%	25V
C252	1-102-074-00	CERAMIC	0.001MF	10%	50V
C253	1-124-791-11	ELECT	1MF	20%	50V
C254	1-124-477-11	ELECT	47MF	20%	25V
C255	1-124-475-11	ELECT	470MF	20%	16V
C256	1-136-165-00	FILM	0.1MF	5%	50V
C305	1-124-791-11	ELECT	1MF	20%	50V
C306	1-124-791-11	ELECT	1MF	20%	50V
C307	1-124-927-11	ELECT	4.7MF	20%	50V
C308	1-102-959-00	CERAMIC	22PF	5%	50V
C309	1-102-111-00	CERAMIC	270PF	10%	50V
C310	1-102-111-00	CERAMIC	270PF	10%	50V
C311	1-124-791-11	ELECT	1MF	20%	50V
C314	1-124-927-11	ELECT	4.7MF	20%	50V
C315	1-123-875-91	ELECT	10MF	20%	50V
C316	1-106-184-00	MYLAR	0.0033MF	10%	50V
C318	1-124-791-11	ELECT	1MF	20%	50V
C319	1-108-841-91	MYLAR	0.022MF	10%	50V
C320	1-124-464-11	ELECT	0.22MF	20%	50V
C321	1-108-841-91	MYLAR	0.022MF	10%	50V
C322	1-102-074-00	CERAMIC	0.001MF	10%	50V
C323	1-124-477-11	ELECT	47MF	20%	25V
C325	1-101-004-00	CERAMIC	0.01MF		50V
C326	1-101-004-00	CERAMIC	0.01MF		50V
C327	1-124-791-11	ELECT	1MF	20%	50V
C328	1-124-791-11	ELECT	1MF	20%	50V
C329	1-101-004-00	CERAMIC	0.01MF		50V
C330	1-124-791-11	ELECT	1MF	20%	50V
C331	1-124-477-11	ELECT	47MF	20%	25V
C336	1-102-074-00	CERAMIC	0.001MF	10%	50V
C501	1-136-161-00	FILM	0.047MF	5%	50V
C502	1-102-074-00	CERAMIC	0.001MF	10%	50V
C503	1-124-791-11	ELECT	1MF	20%	50V
C504	1-106-347-00	MYLAR	0.0015MF	10%	50V
C506	1-108-837-00	MYLAR	0.01MF	10%	50V
C507	1-108-841-91	MYLAR	0.022MF	10%	50V
C508	1-124-791-11	ELECT	1MF	20%	50V
C509	1-124-791-11	ELECT	1MF	20%	50V
C510	1-108-841-91	MYLAR	0.022MF	10%	50V
C511	1-106-351-00	MYLAR	0.0022MF	10%	50V
C512	1-129-794-00	FILM	0.0033MF	2%	100V
C513	1-124-791-11	ELECT	1MF	20%	50V
C514	1-124-477-11	ELECT	47MF	20%	25V
C515	1-136-161-00	FILM	0.047MF	5%	50V
C518	1-131-365-00	TANTALUM	10MF	10%	16V
C519	1-136-173-00	FILM	0.47MF	5%	50V
C521	1-124-791-11	ELECT	1MF	20%	50V
C522	1-108-837-00	MYLAR	0.01MF	10%	50V
C523	1-124-791-11	ELECT	1MF	20%	50V
C524	1-136-160-00	FILM	0.039MF	5%	50V
C525	1-124-475-11	ELECT	470MF	20%	16V
C551	1-101-880-00	CERAMIC	47PF	5%	50V
C552	1-102-112-00	CERAMIC	330PF	10%	50V
C553	1-124-122-11	ELECT	100MF	20%	50V
C555	1-124-557-11	ELECT	1000MF	20%	25V
C556	1-101-004-00	CERAMIC	0.01MF		50V
C557	1-124-900-11	ELECT	470MF	20%	35V
C601 ⚠	1-130-680-61	FILM	0.1MF	20%	300V
C602 ⚠	1-161-830-51	CERAMIC	0.0047MF		500V
C603	1-102-114-00	CERAMIC	470PF	10%	50V
C604 ⚠	1-161-830-51	CERAMIC	0.0047MF		500V
C605 ⚠	1-161-830-51	CERAMIC	0.0047MF		500V
C606	1-125-318-00	ELECT(BLOCK)	220MF	20%	400V
C607	1-106-226-00	MYLAR	0.18MF	10%	100V
C609	1-162-116-00	CERAMIC	680PF	10%	2KV
C610	1-102-112-00	CERAMIC	330PF	10%	50V
C612	1-124-479-11	ELECT	330MF	20%	25V
C613 ⚠	1-161-830-51	CERAMIC	0.0047MF		500V

A

Ref.No.	Part No.	Description			Remark
C614	1-123-930-00	ELECT	2.2MF	20%	160V
C615	1-123-024-00	ELECT	33MF		16GV
C616	1-102-002-00	CERAMIC	680PF	10%	500V
C802	1-123-932-00	ELECT	4.7MF	20%	160V
C803	1-108-692-81	MYLAR	0.01MF	10%	200V
C804	1-102-038-00	CERAMIC	0.001MF		500V
C805	1-102-244-00	CERAMIC	220PF	10%	500V
C807	1-136-173-00	FILM	0.47MF	5%	50V
C808	1-129-765-00	FILM	0.047MF	10%	200V
C809 ⚠	1-161-754-11	CERAMIC	0.001MF	10%	3KV
C810	1-108-630-91	MYLAR	0.022MF	10%	100V
C811	1-123-875-91	ELECT	10MF	20%	50V
C812 ⚠	1-136-092-11	FILM	0.0072MF	3%	2KV
C813	1-102-074-00	CERAMIC	0.001MF	10%	50V
C814	1-124-477-11	ELECT	47MF	20%	25V
C815	1-129-898-00	FILM	0.0022MF	10%	630V
C817	1-136-171-00	FILM	0.33MF	5%	50V
C818	1-124-477-11	ELECT	47MF	20%	25V
C821	1-106-397-00	MYLAR	0.18MF	10%	200V
C822	1-136-513-11	FILM	0.82MF	5%	200V
C825	1-108-692-81	MYLAR	0.01MF	10%	200V
C827	1-123-943-00	ELECT	1MF	20%	250V
C851	1-123-948-00	ELECT	22MF	20%	250V
C852	1-162-114-00	CERAMIC	0.0047MF		2KV
C853	1-102-038-00	CERAMIC	0.001MF		500V
C854	1-123-875-91	ELECT	10MF	20%	50V
C856	1-162-318-11	CERAMIC	0.001MF	10%	500V
C857	1-108-425-00	MYLAR	0.022MF	10%	200V
C858	1-123-875-91	ELECT	10MF	20%	50V
C859	1-124-478-11	ELECT	100MF	20%	25V
C860	1-102-228-00	CERAMIC	470PF	10%	500V
C861	1-123-875-91	ELECT	10MF	20%	50V
C888	1-102-228-00	CERAMIC	470PF	10%	500V

TRIMMER

CV301	1-141-181-11	CAP, TRIMMER	

DIODE

D001	8-719-120-14	DIODE	RD3.9ES-L1
D011	8-719-911-19	DIODE	1SS119
D012	8-719-911-19	DIODE	1SS119
D013	8-719-911-19	DIODE	1SS119
D018	8-719-911-19	DIODE	1SS119
D019	8-719-911-19	DIODE	1SS119
D151	8-719-120-53	DIODE	RD5.1ES-L2
D201	8-719-121-40	DIODE	RD10ES-L3
D301	8-719-911-19	DIODE	1SS119
D306	8-719-911-19	DIODE	1SS119
D501	8-719-911-19	DIODE	1SS119
D502	8-719-911-19	DIODE	1SS119
D551	8-719-911-55	DIODE	U05G
D601 ⚠	8-719-503-06	DIODE	S3WB60Z
D605	8-719-961-04	DIODE	RGP10J
D606	8-719-911-55	DIODE	U05G
D607	8-719-911-55	DIODE	U05G
D608	8-719-924-06	DIODE	ERC24-06S
D610	8-719-303-49	DIODE	R2M
D801	8-719-945-80	DIODE	ERC06-15S
D802	8-719-924-06	DIODE	ERC24-06S
D851	8-719-924-06	DIODE	ERC24-06S
D852	8-719-300-65	DIODE	ES1F
D853	8-719-924-06	DIODE	ERC24-06S
D855	8-719-924-06	DIODE	ERC24-06S
D857	8-719-911-55	DIODE	U05G
D858	8-719-911-55	DIODE	U05G

DELAY LINE

DL301	1-415-122-31	DELAY LINE, 1H (PAL)	

FUSE

F601 ⚠	1-532-237-11	FUSE, TIME-LAG 3.15A/250V	
	*1-533-189-11	HOLDER, FUSE; F601	
F602 ⚠	1-532-284-11	FUSE, TIME-LAG 0.63A/250V	
	*1-533-189-11	HOLDER, FUSE; F602	

IC

IC001	8-759-605-24	IC	M50431-512SP
IC002	8-759-803-24	IC	CXK1004L
IC003	8-759-157-40	IC	UPC574J
IC004	8-759-105-33	IC	UPC78L05J
IC005	8-741-139-80	IC	BX1398
IC251	8-759-101-77	IC	UPC1241H
IC301	8-752-030-86	IC	CXA1001AP
IC501	8-759-100-60	IC	UPC1377C
IC551	8-759-113-05	IC	UPC1488H
IC601 ⚠	8-749-900-83	IC	STR50115A
	4-385-008-01	SPACER, MICA; IC601	
IC801	8-759-145-58	IC	UPC4558C
IC851	8-759-170-12	IC	UPC78M12H

IF BLOCK

IF201	1-464-583-11	IF BLOCK (IFB-395)	

COIL

L001	1-410-470-11	MICRO INDUCTOR	10UH
L151	1-410-470-11	MICRO INDUCTOR	10UH
L302	1-410-090-41	MICRO INDUCTOR	18MMH
L303	1-410-476-11	MICRO INDUCTOR	33UH
L304	1-410-469-21	MICRO INDUCTOR	8.2UH
L305	1-410-470-11	MICRO INDUCTOR	10UH
L604	1-407-365-00	COIL, CHOKE	
L803	1-407-365-00	COIL, CHOKE	
L804	1-407-497-00	MICRO INDUCTOR	2.7MMH
L805 ⚠	1-459-496-11	COIL, FERRITE (HLC)	
L806	1-408-230-00	MICRO INDUCTOR	820UH

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Ref.No.	Part No.	Description				Remark
L807	1-408-230-00	MICRO INDUCTOR 820UH				
L808	1-408-239-00	MICRO INDUCTOR 4.7MMH				
L821	1-408-236-00	MICRO INDUCTOR 2.7MMH				
		TRANSISTOR				
Q001	8-729-117-54	TRANSISTOR 2SA1175				
Q002	8-729-178-54	TRANSISTOR 2SC2785				
Q004	8-729-900-83	TRANSISTOR DTC124XS				
Q008	8-729-900-63	TRANSISTOR DTA124ES				
Q151	8-729-178-54	TRANSISTOR 2SC2785				
Q201	8-729-117-54	TRANSISTOR 2SA1175				
Q202	8-729-801-93	TRANSISTOR 2SD1387				
Q301	8-729-178-54	TRANSISTOR 2SC2785				
Q302	8-729-178-54	TRANSISTOR 2SC2785				
Q306	8-729-117-54	TRANSISTOR 2SA1175				
Q307	8-729-900-83	TRANSISTOR DTC124XS				
Q801	8-729-168-82	TRANSISTOR 2SC2688				
Q802	8-729-802-50	TRANSISTOR 2SD1649-CA				
Q803	8-729-178-54	TRANSISTOR 2SC2785				
Q821	8-729-904-27	TRANSISTOR 2SD1761-E				
		RESISTOR				
R001	1-249-417-11	CARBON	1K	5%	1/6W	
R002	1-249-433-11	CARBON	22K	5%	1/6W	
R003	1-249-425-11	CARBON	4.7K	5%	1/6W	
R005	1-249-440-11	CARBON	82K	5%	1/6W	
R007	1-249-433-11	CARBON	22K	5%	1/6W	
R008	1-249-433-11	CARBON	22K	5%	1/6W	
R009	1-249-433-11	CARBON	22K	5%	1/6W	
R010	1-249-433-11	CARBON	22K	5%	1/6W	
R011	1-216-440-00	METAL OXIDE	18K	5%	1W	F
R012	1-249-433-11	CARBON	22K	5%	1/6W	
R013	1-249-433-11	CARBON	22K	5%	1/6W	
R014	1-247-708-11	CARBON	470	5%	1/4W	
R017	1-249-462-11	CARBON	22K	5%	1/4W	
R020	1-249-433-11	CARBON	22K	5%	1/6W	
R022	1-249-413-11	CARBON	470	5%	1/6W	
R023	1-249-413-11	CARBON	470	5%	1/6W	
R024	1-249-413-11	CARBON	470	5%	1/6W	
R025	1-249-413-11	CARBON	470	5%	1/6W	
R026	1-249-413-11	CARBON	470	5%	1/6W	
R027	1-249-413-11	CARBON	470	5%	1/6W	
R028	1-249-413-11	CARBON	470	5%	1/6W	
R029	1-249-413-11	CARBON	470	5%	1/6W	
R030	1-247-713-11	CARBON	1K	5%	1/4W	
R031	1-247-713-11	CARBON	1K	5%	1/4W	
R032	1-247-713-11	CARBON	1K	5%	1/4W	
R033	1-247-713-11	CARBON	1K	5%	1/4W	
R034	1-247-713-11	CARBON	1K	5%	1/4W	
R035	1-247-713-11	CARBON	1K	5%	1/4W	
R036	1-249-429-11	CARBON	10K	5%	1/6W	
R038	1-247-849-00	CARBON	5.6K	5%	1/6W	
R039	1-249-436-11	CARBON	39K	5%	1/6W	

Ref.No.	Part No.	Description				Remark
R041	1-249-411-11	CARBON	330	5%	1/6W	
R042	1-247-713-11	CARBON	1K	5%	1/4W	
R043	1-249-423-11	CARBON	3.3K	5%	1/6W	
R044	1-249-429-11	CARBON	10K	5%	1/6W	
R045	1-247-849-00	CARBON	5.6K	5%	1/6W	
R046	1-249-433-11	CARBON	22K	5%	1/6W	
R047	1-249-433-11	CARBON	22K	5%	1/6W	
R048	1-249-425-11	CARBON	4.7K	5%	1/6W	
R151	1-249-462-11	CARBON	22K	5%	1/4W	
R152	1-247-891-00	CARBON	330K	5%	1/6W	
R153	1-249-429-11	CARBON	10K	5%	1/6W	
R154	1-249-413-11	CARBON	470	5%	1/6W	
R201	1-249-405-11	CARBON	100	5%	1/6W	
R202	1-247-711-11	CARBON	680	5%	1/4W	
R203	1-247-708-11	CARBON	470	5%	1/4W	
R205	1-249-435-11	CARBON	33K	5%	1/6W	
R206	1-249-433-11	CARBON	22K	5%	1/6W	
R207	1-249-433-11	CARBON	22K	5%	1/6W	
R210	1-249-435-11	CARBON	33K	5%	1/6W	
R211	1-249-433-11	CARBON	22K	5%	1/6W	
R253	1-249-421-11	CARBON	2.2K	5%	1/6W	
R254	1-249-447-11	CARBON	1	5%	1/4W	
R301	1-215-483-00	CARBON	390K	5%	1/6W	
R306	1-249-420-11	CARBON	1.8K	5%	1/6W	
R307	1-247-724-11	CARBON	8.2K	5%	1/4W	
R310	1-215-479-00	CARBON	270K	5%	1/6W	
R311	1-215-493-00	CARBON	1M	5%	1/6W	
R312	1-249-437-11	CARBON	47K	5%	1/6W	
R313	1-249-433-11	CARBON	22K	5%	1/6W	
R314	1-246-539-00	CARBON	560K	5%	1/4W	
R315	1-246-527-00	CARBON	180K	5%	1/4W	
R316	1-249-441-11	CARBON	100K	5%	1/6W	
R317	1-249-441-11	CARBON	100K	5%	1/6W	
R318	1-249-441-11	CARBON	100K	5%	1/6W	
R319	1-247-704-11	CARBON	220	5%	1/4W	
R320	1-247-704-11	CARBON	220	5%	1/4W	
R321	1-247-704-11	CARBON	220	5%	1/4W	
R322	1-249-420-11	CARBON	1.8K	5%	1/6W	
R325	1-249-427-11	CARBON	6.8K	5%	1/6W	
R326	1-247-849-00	CARBON	5.6K	5%	1/6W	
R328	1-246-511-00	CARBON	39K	5%	1/4W	
R329	1-247-883-00	CARBON	150K	5%	1/6W	
R332	1-247-849-00	CARBON	5.6K	5%	1/6W	
R333	1-249-412-11	CARBON	390	5%	1/6W	
R334	1-249-417-11	CARBON	1K	5%	1/6W	
R339	1-249-413-11	CARBON	470	5%	1/6W	
R343	1-247-885-00	CARBON	180K	5%	1/6W	
R344	1-247-895-00	CARBON	470K	5%	1/6W	
R345	1-247-895-00	CARBON	470K	5%	1/6W	
R346	1-249-433-11	CARBON	22K	5%	1/6W	
R347	1-249-421-11	CARBON	2.2K	5%	1/6W	
R350	1-249-433-11	CARBON	22K	5%	1/6W	
R359	1-247-718-11	CARBON	2.7K	5%	1/4W	

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Ref.No.	Part No.	Description				Remark
R366	1-249-435-11	CARBON	33K	5%	1/6W	
R367	1-249-423-11	CARBON	3.3K	5%	1/6W	
R368	1-249-423-11	CARBON	3.3K	5%	1/6W	
R369	1-249-423-11	CARBON	3.3K	5%	1/6W	
R370	1-249-427-11	CARBON	6.8K	5%	1/6W	
R371	1-246-533-00	CARBON	330K	5%	1/4W	
R373	1-247-719-11	CARBON	3.3K	5%	1/4W	
R501	1-249-411-11	CARBON	330	5%	1/6W	
R502	1-247-705-11	CARBON	270	5%	1/4W	
R503	1-249-425-11	CARBON	4.7K	5%	1/6W	
R504	1-249-440-11	CARBON	82K	5%	1/6W	
R505	1-249-423-11	CARBON	3.3K	5%	1/6W	
R506	1-215-458-00	CARBON	36K	5%	1/6W	
R507	1-249-459-11	CARBON	12K	5%	1/4W	
R509	1-249-429-11	CARBON	10K	5%	1/6W	
R512	1-216-440-00	METAL OXIDE	18K	5%	1W	F
R513	1-249-423-11	CARBON	3.3K	5%	1/6W	
R514	1-215-460-00	METAL	43K	1%	1/6W	
R515	1-249-425-11	CARBON	4.7K	5%	1/6W	
R517	1-249-431-11	CARBON	15K	5%	1/6W	
R519	1-249-425-11	CARBON	4.7K	5%	1/6W	
R522	1-249-438-11	CARBON	56K	5%	1/6W	
R524	1-214-783-00	METAL	180K	1%	1/4W	
R525	1-215-455-00	METAL	27K	1%	1/6W	
R526	1-249-438-11	CARBON	56K	5%	1/6W	
R527	1-249-422-11	CARBON	2.7K	5%	1/6W	
R528	1-249-424-11	CARBON	3.9K	5%	1/6W	
R529	1-215-461-00	METAL	47K	1%	1/6W	
R530	1-249-393-11	CARBON	10	5%	1/6W	F
R532	1-247-706-11	CARBON	330	5%	1/4W	
R542	1-247-711-11	CARBON	680	5%	1/4W	
R551	1-249-440-11	CARBON	82K	5%	1/6W	
R552	1-247-744-11	CARBON	270	5%	1/2W	
R553	1-216-353-00	METAL OXIDE	2.2	5%	1W	F
R554	1-215-867-00	METAL OXIDE	470	5%	1W	F
R601 ⚠	1-205-909-11	CEMENTED	3.3		10W	
R602	1-244-923-00	CARBON	120K	5%	1/2W	
R603	1-247-739-11	CARBON	100	5%	1/2W	F
R607 ⚠	1-212-849-51	FUSIBLE	4.7	5%	1/4W	F
R609	1-216-424-11	METAL OXIDE	39	5%	1W	F
R615 ⚠	1-212-849-51	FUSIBLE	4.7	5%	1/4W	F
R616	1-216-487-11	METAL OXIDE	12K	5%	3W	F
R802	1-215-922-11	METAL OXIDE	6.8K	5%	3W	F
R803	1-215-922-11	METAL OXIDE	6.8K	5%	3W	F
R804	1-247-721-11	CARBON	4.7K	5%	1/4W	F
R805	1-249-433-11	CARBON	22K	5%	1/6W	
R822	1-247-881-00	CARBON	120K	5%	1/6W	
R823	1-247-717-11	CARBON	2.2K	5%	1/4W	F
R824	1-249-436-11	CARBON	39K	5%	1/6W	
R825	1-247-725-11	CARBON	10K	5%	1/4W	
R826	1-247-719-11	CARBON	3.3K	5%	1/4W	
R827	1-249-417-11	CARBON	1K	5%	1/6W	
R828	1-249-438-11	CARBON	56K	5%	1/6W	

Ref.No.	Part No.	Description				Remark
R829	1-247-883-00	CARBON	150K	5%	1/6W	
R830	1-249-424-11	CARBON	3.9K	5%	1/6W	
R831	1-247-849-00	CARBON	5.6K	5%	1/6W	
R832	1-249-410-11	CARBON	270	5%	1/6W	
R833 ⚠	1-212-857-51	FUSIBLE	10	5%	1/4W	F
R834 ⚠	1-212-865-51	FUSIBLE	22	5%	1/4W	F
R837 ⚠	1-212-877-51	FUSIBLE	68	5%	1/4W	F
R851	1-249-382-11	CARBON	1.2	5%	1/6W	F
R852	1-215-869-11	METAL OXIDE	1K	5%	1W	F
R853	1-249-377-11	CARBON	0.47	5%	1/6W	F
R854	1-249-381-11	CARBON	1	5%	1/6W	F
R855	1-202-830-00	SOLID	10K	10%	1/2W	
R856	1-247-723-11	CARBON	6.8K	5%	1/4W	
R857	1-246-527-00	CARBON	180K	5%	1/4W	
R860	1-247-883-00	CARBON	150K	5%	1/6W	
R888	1-202-814-11	SOLID	33K	10%	1/2W	
R889	1-249-429-11	CARBON	10K	5%	1/6W	
R891	1-249-429-11	CARBON	10K	5%	1/6W	
R892	1-249-425-11	CARBON	4.7K	5%	1/6W	

VARIABLE RESISTOR

RV302	1-228-989-00	RES, ADJ, CARBON 470
RV303	1-230-630-11	RES, ADJ, CARBON 10K
RV304	1-228-995-00	RES, ADJ, CARBON 22K
RV305	1-230-916-11	RES, VAR, CARBON 10K
RV501	1-230-522-11	RES, ADJ, METAL GLAZE 4.7K
RV502	1-228-989-00	RES, ADJ, CARBON 470
RV503	1-228-989-00	RES, ADJ, CARBON 470
RV505	1-230-915-11	RES, VAR, CARBON 10K
RV551	1-224-250-XX	RES, ADJ, METAL GLAZE 2.2K
RV801	1-223-102-00	RES, ADJ, WIREWOUND 120
RV802	1-228-995-00	RES, ADJ, CARBON 22K

SWITCH

S001	1-554-804-11	SWITCH, PUSH (1 KEY)
S002	1-554-804-11	SWITCH, PUSH (1 KEY)
S003	1-554-804-11	SWITCH, PUSH (1 KEY)
S004	1-554-804-11	SWITCH, PUSH (1 KEY)
S005	1-554-804-11	SWITCH, PUSH (1 KEY)
S006	1-554-804-11	SWITCH, PUSH (1 KEY)
S007	1-554-804-11	SWITCH, PUSH (1 KEY)
S008	1-554-804-11	SWITCH, PUSH (1 KEY)
S009	1-554-804-11	SWITCH, PUSH (1 KEY)

SPARK GAP

SG801	1-519-063-XX	DISCHARGING GAP

TRANSFORMER

T301	1-404-524-11	DAT
T601 ⚠	1-421-862-11	LFT
T602 ⚠	1-448-912-11	SRT (SCT)
T801	1-437-078-00	TRANSFORMER, HORIZONTAL DRIVE
T851 ⚠	1-439-311-32	TRANSFORMER ASSY, FLYBACK

For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description				Remark
		THERMISTOR				
THP601⚠	1-806-165-11	THERMISTOR (POSITIVE)				
		TUNER				
TU151⚠	1-463-593-11	TUNER, ET (BT-882A)				
		CRYSTAL				
X001	1-567-686-11	OSCILLATOR, CERAMIC				
X301	1-567-504-11	OSCILLATOR, CRYSTAL				
		YC MODULE				
YCM301	1-235-753-11	YC MODULE				
**********						
	*A-1330-628-A	C BOARD, COMPLETE				
		**********				
	1-526-819-11	SOCKET, CRT				
	*4-374-912-01	COVER (MAIN), CV VOL				
	*4-374-913-01	COVER (REAR LID), CV VOL				
		CONNECTOR				
C1	*1-506-371-00	2P PLUG (L)				
C2	*1-508-786-00	2P PLUG (M)				
C3	*1-560-126-00	PLUG, CONNECTOR (2.5MM) 6P				
C4	*1-508-765-00	3P PLUG (M)				
		CAPACITOR				
C702	1-102-112-00	CERAMIC	330PF	10%	50V	
C703	1-102-109-00	CERAMIC	180PF	10%	50V	
C704	1-102-110-00	CERAMIC	220PF	10%	50V	
C705	1-162-116-00	CERAMIC	680PF	10%	2KV	
C706	1-129-714-00	FILM	0.01MF	10%	630V	
		COIL				
L704	1-410-485-21	MICRO INDUCTOR 180UH				
		TRANSISTOR				
Q701	8-729-168-82	TRANSISTOR 2SC2688				
Q702	8-729-168-82	TRANSISTOR 2SC2688				
Q703	8-729-168-82	TRANSISTOR 2SC2688				
		RESISTOR				
R701	1-249-425-11	CARBON	4.7K	5%	1/6W	
R703	1-249-411-11	CARBON	330	5%	1/6W	
R704	1-249-423-11	CARBON	3.3K	5%	1/6W	
R705	1-202-824-00	SOLID	3.3K		1/2W	
R706	1-216-463-00	METAL OXIDE	12K	5%	2W	F
R707	1-249-422-11	CARBON	2.7K	5%	1/6W	
R708	1-249-414-11	CARBON	560	5%	1/6W	
R709	1-249-414-11	CARBON	560	5%	1/6W	
R710	1-249-423-11	CARBON	3.3K	5%	1/6W	
R711	1-202-824-00	SOLID	3.3K		1/2W	
R712	1-216-463-00	METAL OXIDE	12K	5%	2W	F
R713	1-249-422-11	CARBON	2.7K	5%	1/6W	
R714	1-249-414-11	CARBON	560	5%	1/6W	
R715	1-249-414-11	CARBON	560	5%	1/6W	
R716	1-249-423-11	CARBON	3.3K	5%	1/6W	
R717	1-202-824-00	SOLID	3.3K		1/2W	
R718	1-216-463-00	METAL OXIDE	12K	5%	2W	F
R719	1-202-842-11	SOLID	220K		1/2W	
R720	1-202-719-00	SOLID	1M	10%	1/2W	
R721	1-216-341-11	METAL OXIDE	0.22	5%	1W	F
R722	1-202-848-00	SOLID	680K		1/2W	
R723	1-202-838-00	SOLID	100K	10%	1/2W	
R724	1-247-849-00	CARBON	5.6K	5%	1/6W	
R731	1-249-405-11	CARBON	100	5%	1/6W	
R732	1-249-405-11	CARBON	100	5%	1/6W	
R733	1-249-405-11	CARBON	100	5%	1/6W	
		VARIABLE RESISTOR				
RV701	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV702	1-228-722-00	RES, ADJ, CERAMIC CARBON 3.3K				
RV703	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV704	1-228-722-00	RES, ADJ, CERAMIC CARBON 3.3K				
RV705	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV706	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M				
RV707	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M				
RV708⚠	1-230-798-11	RES, ADJ, METAL GLAZE 90M				
RV709	1-228-725-00	RES, ADJ, CERAMIC CARBON 22K				
**********						
	*1-623-023-11	H BOARD				
		*******				
		DIODE				
D901	8-719-919-03	DIODE GL-9P03D				
**********						
		MISCELLANEOUS				
		**********				
	⚠1-451-249-31	DEFLECTION YOKE (SY-125B)				
	1-452-032-00	MAGNET, DISK; 10MM ø				
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ø				
	1-452-277-00	MAGNET, 8MC				
SP901	1-503-344-21	SPEAKER				
	⚠1-534-777-31	CORD, POWER SUPPLY				
	⚠1-536-683-21	CONNECTOR, COAXIAL ANTENNA				
	*1-555-111-71	CABLE, PIN				
L901	⚠1-426-145-13	COIL, DEGAUSSING				
S901	⚠1-554-967-12	SWITCH, PUSH (AC POWER)(1KEY)				
V901	⚠8-735-553-05	PICTURE TUBE (A34JBU10X)				

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

ACCESSORIES AND PACKING MATERIALS
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Part No.	Description	Remark
A-1470-794-A	COMMANDER ASSY (RM-655)	
1-501-385-11	ANTENNA, ROOP	
1-513-382-00	ANTENNA MUTCHING	
*4-374-990-01	CUSHION (UPPER) (ASSY)	
*4-374-991-01	CUSHION (LOWER) (ASSY)	
*4-378-262-01	BAG, PROTECTION	
*4-385-039-01	INDIVIDUAL CARTON	
4-482-396-41	MANUAL, INSTRUCTION	

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